

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074282.D
 Acq On : 02 Sep 2022 12:35
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 02 14:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 14:16:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	252902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	397321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	159106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	18627	4.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.500%#		
35) Dibromofluoromethane	7.951	113	14233	4.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.460%#		
50) Toluene-d8	10.380	98	54848	4.631	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.260%#		
62) 4-Bromofluorobenzene	12.668	95	15893	4.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	11507	4.397	ug/l	97
3) Chloromethane	2.269	50	16554	4.491	ug/l	89
4) Vinyl Chloride	2.410	62	32622	8.907	ug/l	96
5) Bromomethane	2.793	94	25357	12.663	ug/l	87
6) Chloroethane	2.957	64	27160	9.666	ug/l	89
7) Trichlorofluoromethane	3.316	101	23775	4.246	ug/l #	82
8) Diethyl Ether	3.763	74	9713	4.079	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	13711	4.288	ug/l #	87
10) Methyl Iodide	4.340	142	5721	2.217	ug/l #	92
11) Tert butyl alcohol	5.287	59	18480	19.264	ug/l	97
12) 1,1-Dichloroethene	4.110	96	12556	4.235	ug/l #	72
13) Acrolein	3.981	56	12995	14.984	ug/l	95
14) Allyl chloride	4.757	41	18626	2.817	ug/l #	76
15) Acrylonitrile	5.469	53	49421	17.437	ug/l	99
16) Acetone	4.228	43	41232	15.729	ug/l #	88
17) Carbon Disulfide	4.451	76	30074	3.564	ug/l	95
18) Methyl Acetate	4.775	43	25505	3.220	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	50171	4.574	ug/l	98
20) Methylene Chloride	5.016	84	18454	4.127	ug/l #	84
21) trans-1,2-Dichloroethene	5.516	96	15181	4.436	ug/l #	79
22) Diisopropyl ether	6.404	45	46477	3.450	ug/l #	88
23) Vinyl Acetate	6.351	43	193967	17.053	ug/l	100
24) 1,1-Dichloroethane	6.304	63	28383	4.271	ug/l #	84
25) 2-Butanone	7.263	43	69921	16.673	ug/l	94
26) 2,2-Dichloropropane	7.245	77	23778	5.143	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	18936	4.954	ug/l	97
28) Bromochloromethane	7.592	49	13154	4.971	ug/l	82
29) Tetrahydrofuran	7.610	42	43338	16.227	ug/l	97
30) Chloroform	7.739	83	31288	4.618	ug/l	88
31) Cyclohexane	8.022	56	31704	4.891	ug/l #	76
32) 1,1,1-Trichloroethane	7.939	97	26418	5.070	ug/l	95
36) 1,1-Dichloropropene	8.151	75	21998	4.508	ug/l	93
37) Ethyl Acetate	7.339	43	25624	3.140	ug/l #	92
38) Carbon Tetrachloride	8.133	117	21450	4.599	ug/l #	93
39) Methylcyclohexane	9.398	83	24447	4.268	ug/l	90
40) Benzene	8.392	78	67181	4.384	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	12895	3.423	ug/l	93
42) 1,2-Dichloroethane	8.463	62	24693	4.528	ug/l	99
43) Isopropyl Acetate	8.492	43	39538	3.604	ug/l	98
44) Trichloroethene	9.157	130	16611	4.851	ug/l	69
45) 1,2-Dichloropropane	9.422	63	16771	4.054	ug/l #	84
46) Dibromomethane	9.510	93	12580	4.553	ug/l	87
47) Bromodichloromethane	9.698	83	24000	4.432	ug/l	92
48) Methyl methacrylate	9.492	41	17062	3.274	ug/l #	83
49) 1,4-Dioxane	9.510	88	9443	83.987	ug/l #	83
51) 4-Methyl-2-Pentanone	10.269	43	138022	17.334	ug/l	97
52) Toluene	10.439	92	40852	4.523	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	22687	4.419	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	25481	4.433	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	17452	4.467	ug/l	87
56) Ethyl methacrylate	10.704	69	24427	4.125	ug/l #	91
57) 1,3-Dichloropropane	10.986	76	29935	4.409	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.980	63	65368	21.822	ug/l	92
59) 2-Hexanone	11.027	43	100206	16.583	ug/l	98
60) Dibromochloromethane	11.174	129	17184	4.696	ug/l	100
61) 1,2-Dibromoethane	11.286	107	17602	4.715	ug/l	99
64) Tetrachloroethene	10.910	164	13486	4.686	ug/l	88
65) Chlorobenzene	11.710	112	45006	5.034	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.774	131	16402	5.161	ug/l	99
67) Ethyl Benzene	11.780	91	79376	4.947	ug/l	97
68) m/p-Xylenes	11.892	106	54889	9.209	ug/l	90
69) o-Xylene	12.216	106	29230	4.922	ug/l	100
70) Styrene	12.233	104	44339	4.686	ug/l	96
71) Bromoform	12.398	173	10503	3.902	ug/l #	96
73) Isopropylbenzene	12.521	105	72404	5.314	ug/l	99
74) N-amyl acetate	12.327	43	28741	3.728	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.763	83	29001	5.132	ug/l	97
76) 1,2,3-Trichloropropane	12.815	75	25413m	5.621	ug/l	
77) Bromobenzene	12.798	156	16963	5.322	ug/l	91
78) n-propylbenzene	12.863	91	78181	5.034	ug/l	97
79) 2-Chlorotoluene	12.945	91	52198	5.487	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	55097	4.972	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	6472	4.222	ug/l #	79
82) 4-Chlorotoluene	13.039	91	43596	4.736	ug/l	100
83) tert-Butylbenzene	13.263	119	51410	5.423	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	56138	5.249	ug/l	98
85) sec-Butylbenzene	13.439	105	70720	5.318	ug/l	99
86) p-Isopropyltoluene	13.551	119	53905	5.210	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	27446	4.831	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	28638	4.872	ug/l	84
89) n-Butylbenzene	13.880	91	41988	4.660	ug/l	96
90) Hexachloroethane	14.145	117	11367	5.329	ug/l	76
91) 1,2-Dichlorobenzene	13.921	146	29426	4.913	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	5291	4.685	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	13332	4.551	ug/l	98
94) Hexachlorobutadiene	15.292	225	7080	4.914	ug/l	90
95) Naphthalene	15.433	128	49849	4.737	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	14141	4.659	ug/l	91

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VSTDICC005

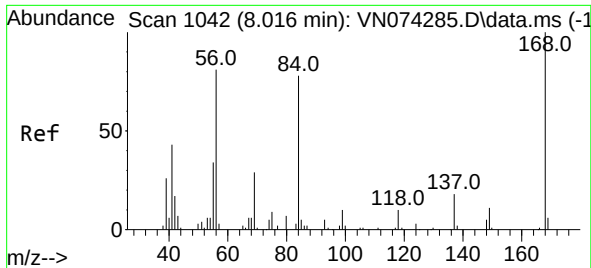
Manual Integrations
APPROVED

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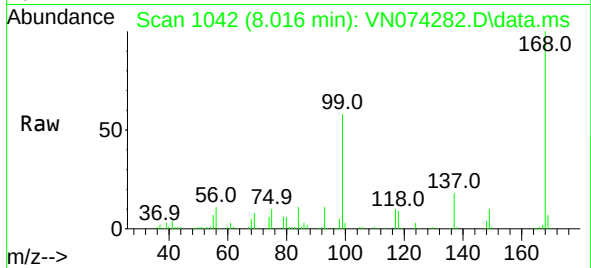
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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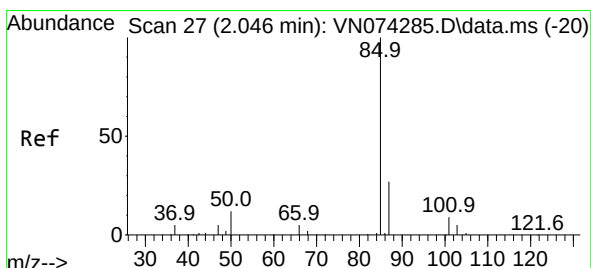
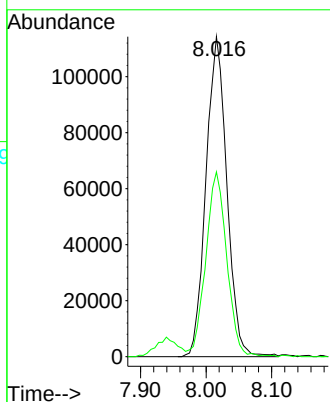
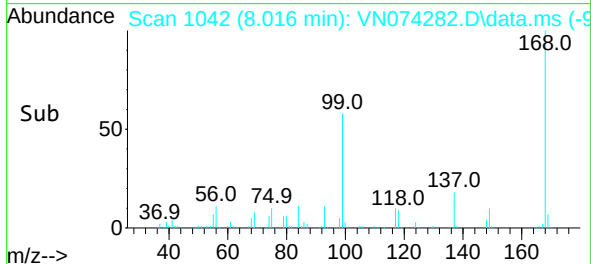
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



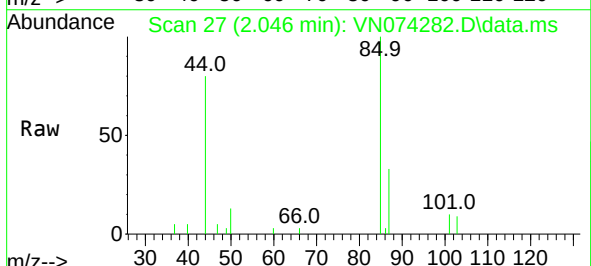
Tgt Ion:168 Resp: 25290
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5

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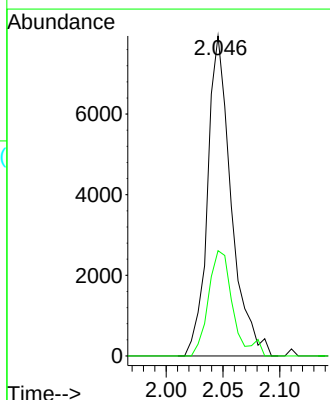
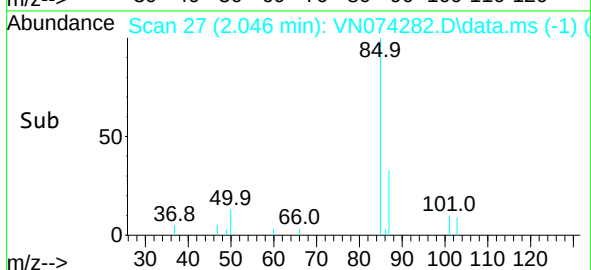
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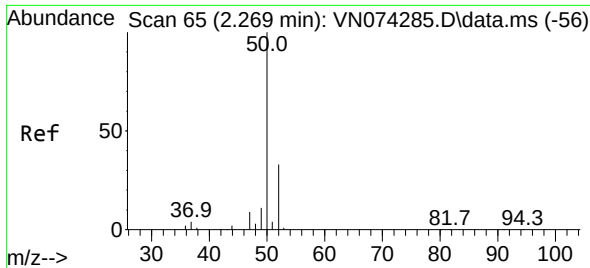


#2
Dichlorodifluoromethane
Concen: 4.397 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



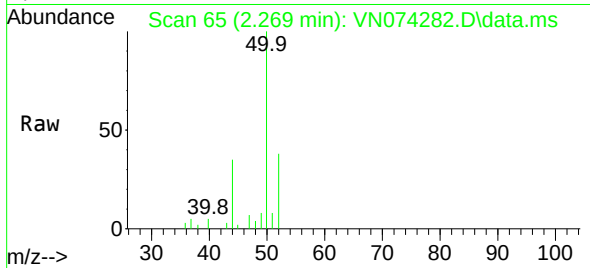
Tgt Ion: 85 Resp: 11507
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1





#3
Chloromethane
Concen: 4.491 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

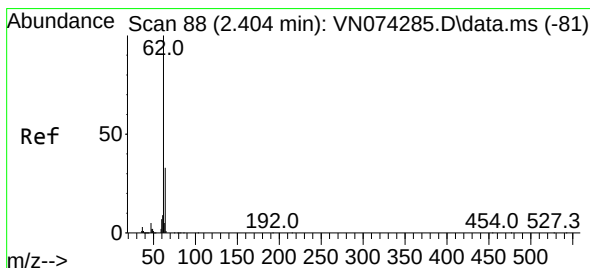
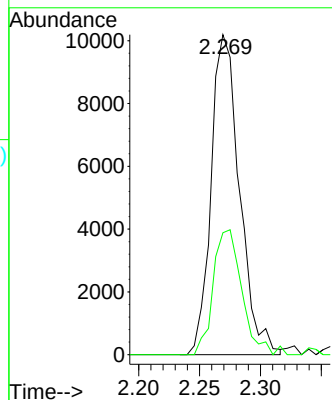
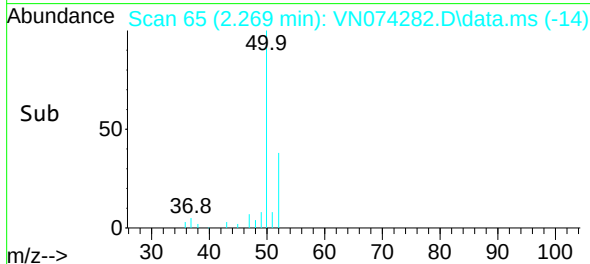
Instrument :
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Tgt Ion: 50 Resp: 16554
Ion Ratio Lower Upper
50 100
52 38.1 25.7 38.5

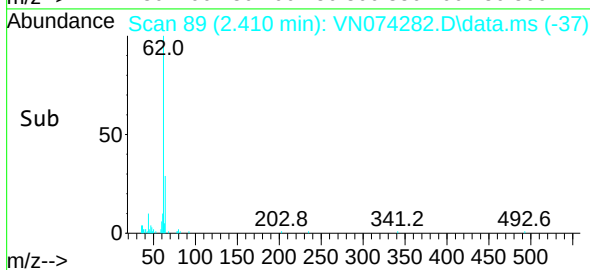
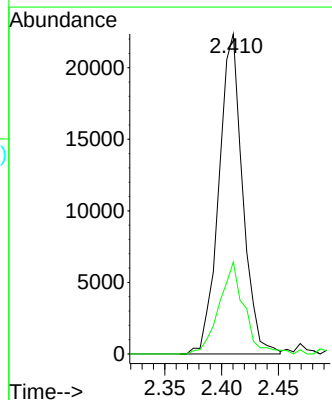
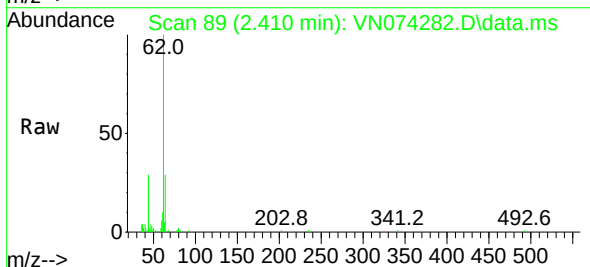
Manual Integrations
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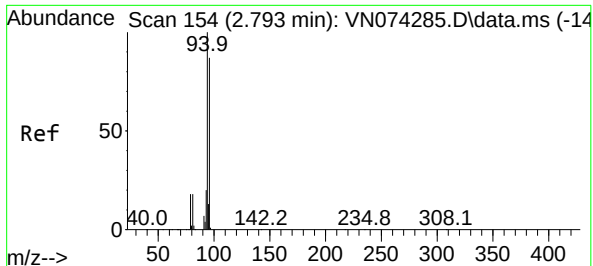
Reviewed By :John Carlone 09/03/2022
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#4
Vinyl Chloride
Concen: 8.907 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN074282.D
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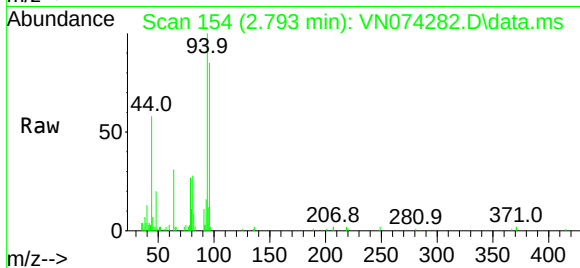
Tgt Ion: 62 Resp: 32622
Ion Ratio Lower Upper
62 100
64 28.7 25.0 37.4





#5
Bromomethane
Concen: 12.663 ug/l
RT: 2.793 min Scan# 154
Delta R.T. 0.012 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

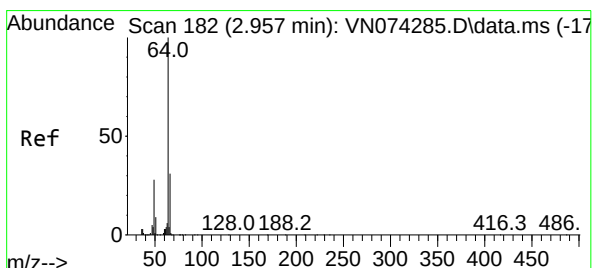
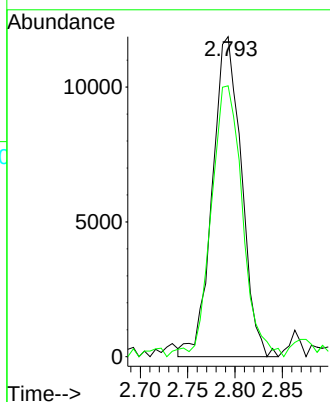
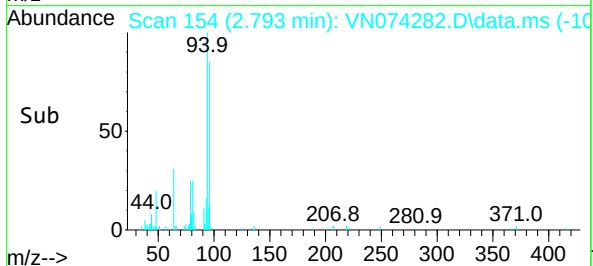
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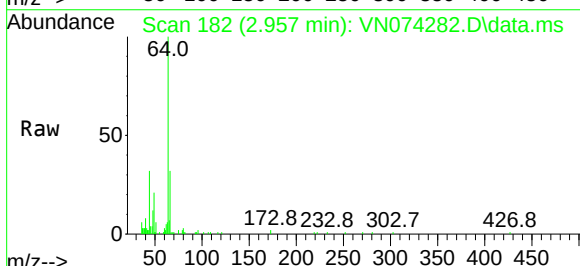
Tgt Ion: 94 Resp: 2535
Ion Ratio Lower Upper
94 100
96 82.4 76.0 114.0

Manual Integrations
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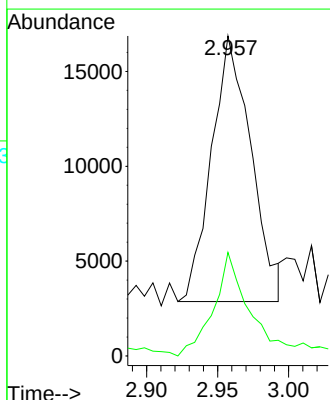
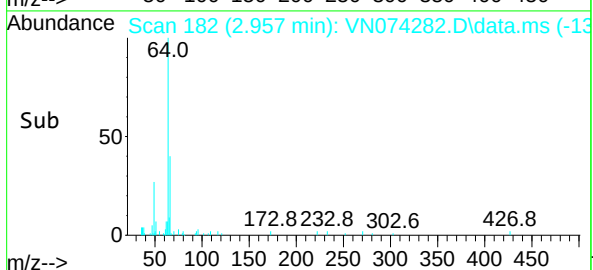
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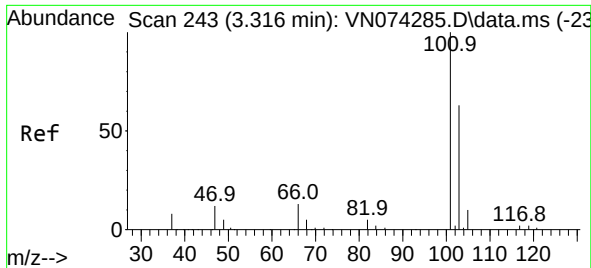


#6
Chloroethane
Concen: 9.666 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



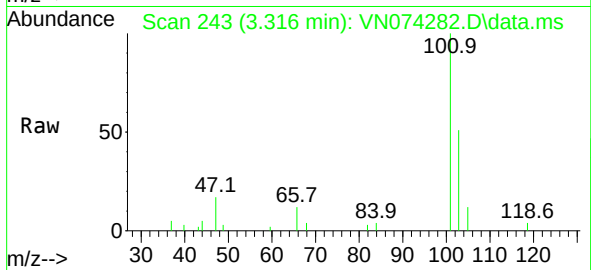
Tgt Ion: 64 Resp: 27160
Ion Ratio Lower Upper
64 100
66 39.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 4.246 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. 0.006 min
 Lab File: VN074282.D
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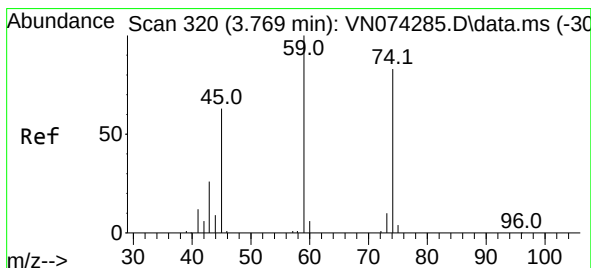
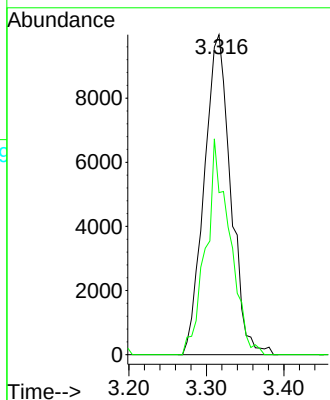
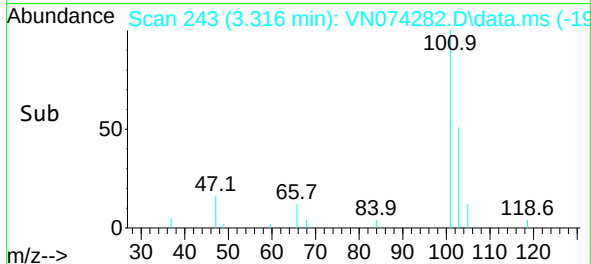
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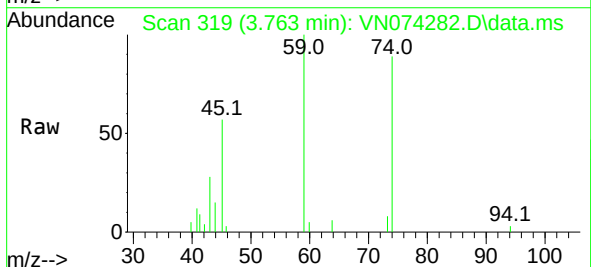
Tgt Ion:101 Resp: 23775
 Ion Ratio Lower Upper
 101 100
 103 50.6 51.5 77.3

Manual Integrations
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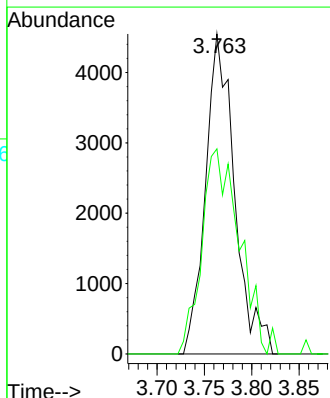
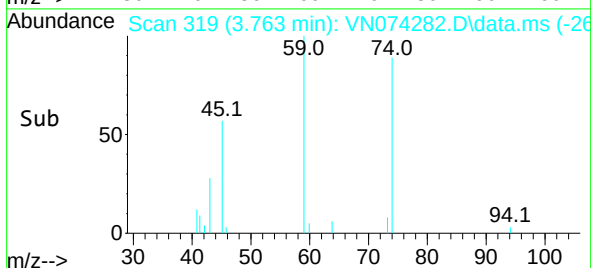
Reviewed By :John Carlone 09/03/2022
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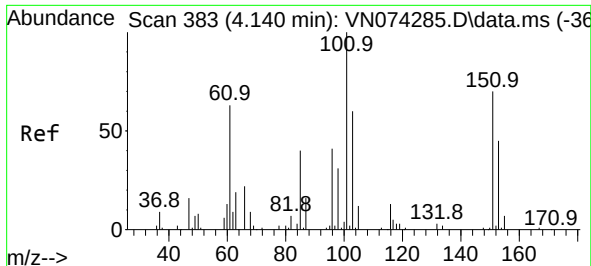


#8
 Diethyl Ether
 Concen: 4.079 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 9713
 Ion Ratio Lower Upper
 74 100
 45 81.8 42.9 128.5





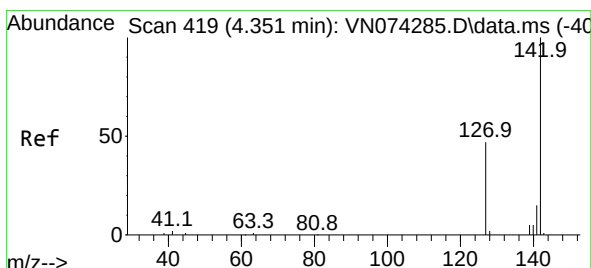
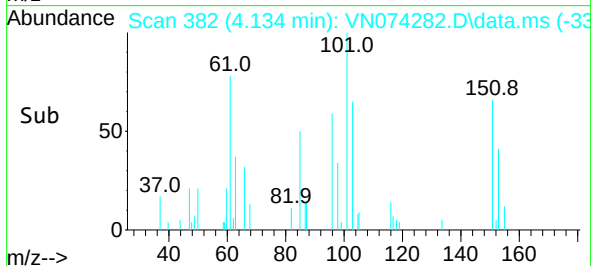
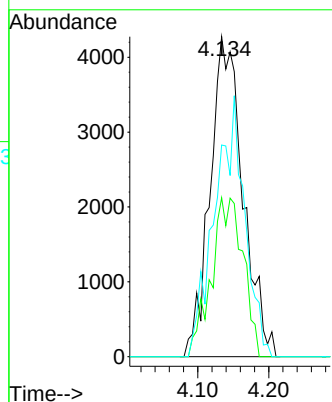
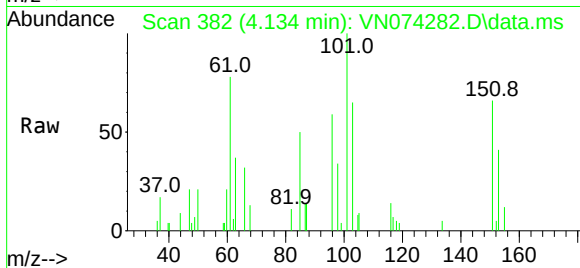
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.288 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
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Tgt Ion:101 Resp: 1371
Ion Ratio Lower Upper
101 100
85 24.4 34.7 52.1
151 74.7 63.0 94.4

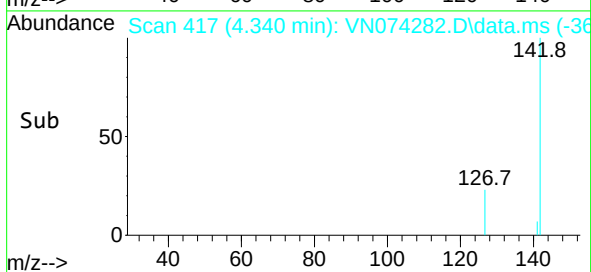
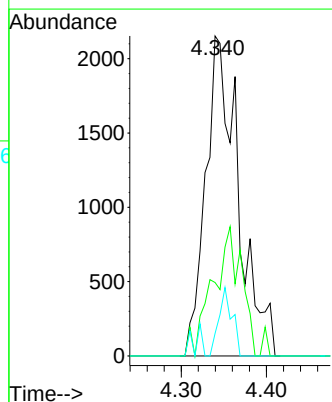
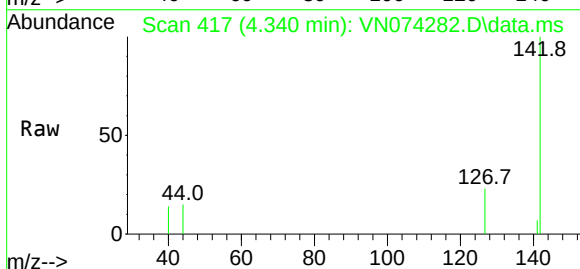
Manual Integrations
APPROVED

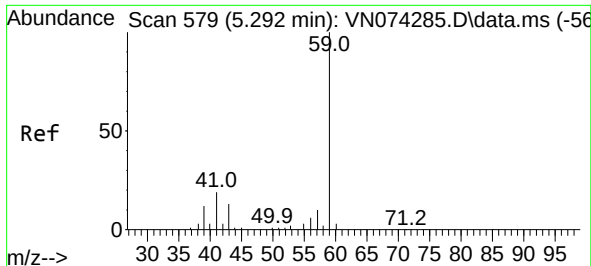
Reviewed By :John Carbone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#10
Methyl Iodide
Concen: 2.217 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion:142 Resp: 5721
Ion Ratio Lower Upper
142 100
127 35.7 31.3 46.9
141 8.7 11.2 16.8#





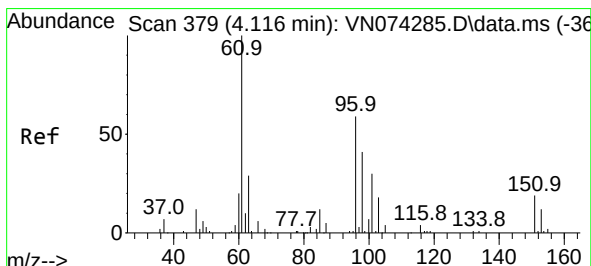
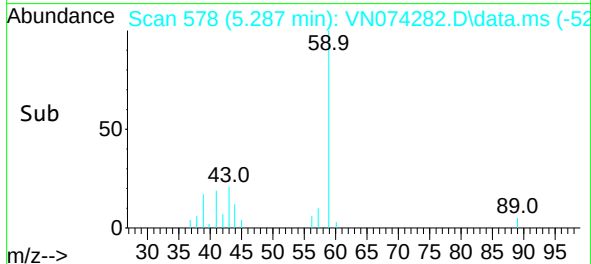
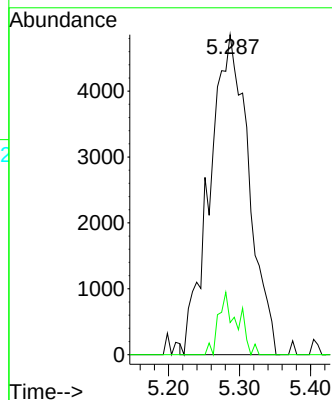
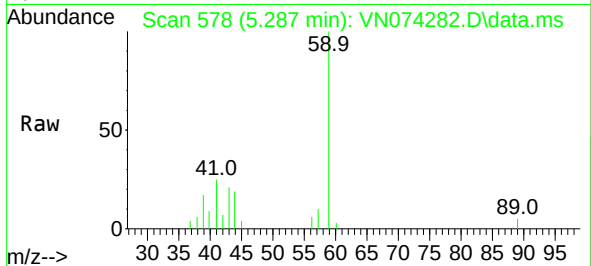
#11
Tert butyl alcohol
Concen: 19.264 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 18480
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

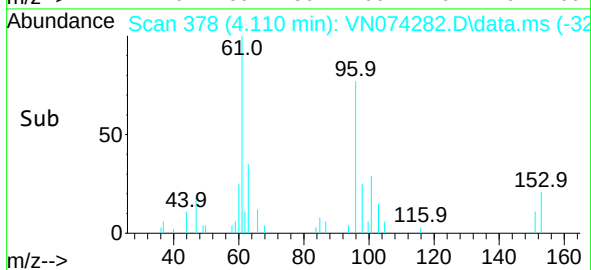
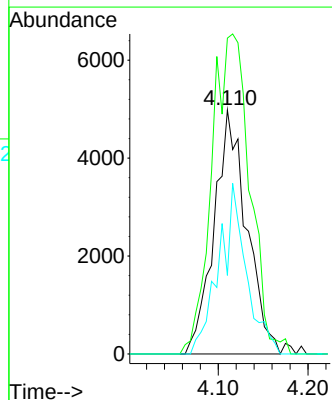
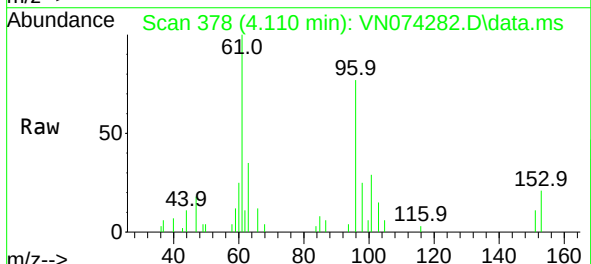
Manual Integrations
APPROVED

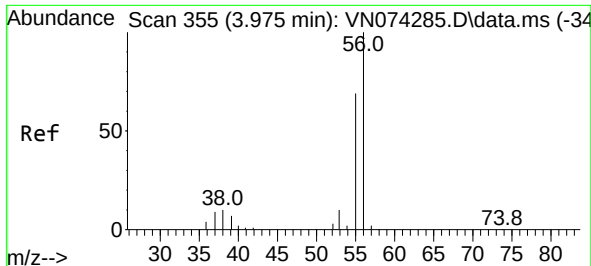
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#12
1,1-Dichloroethene
Concen: 4.235 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion: 96 Resp: 12556
Ion Ratio Lower Upper
96 100
61 129.5 127.6 191.4
98 32.2 51.2 76.8#





#13

Acrolein

Concen: 14.984 ug/l

RT: 3.981 min Scan# 356

Delta R.T. 0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 1299

Ion Ratio Lower Upper

56 100

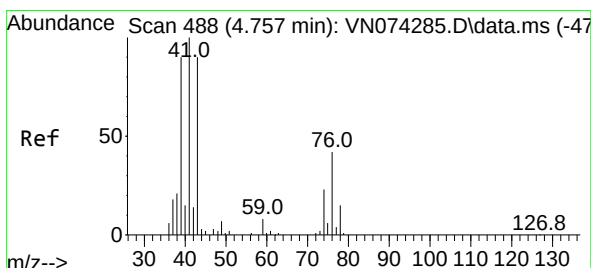
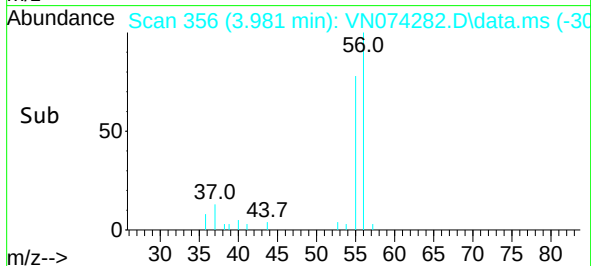
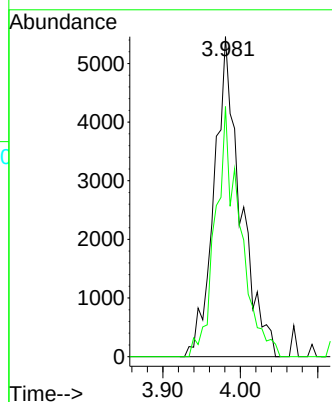
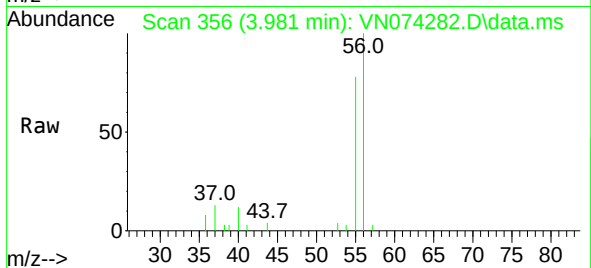
55 72.9 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#14

Allyl chloride

Concen: 2.817 ug/l

RT: 4.757 min Scan# 488

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

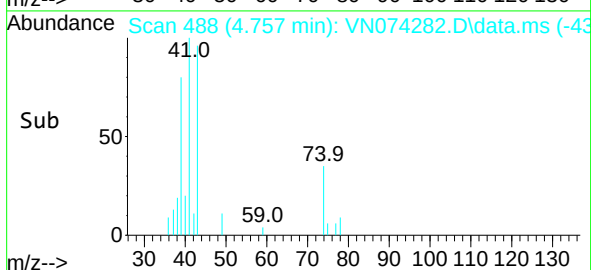
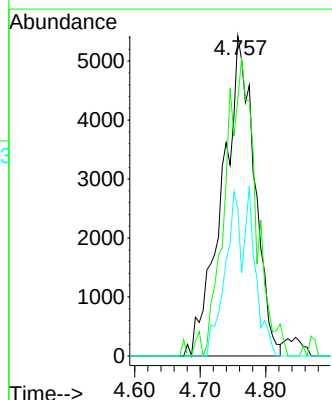
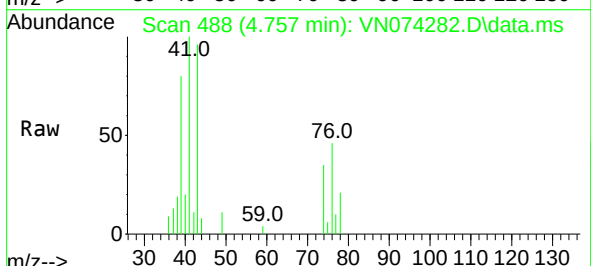
Tgt Ion: 41 Resp: 18626

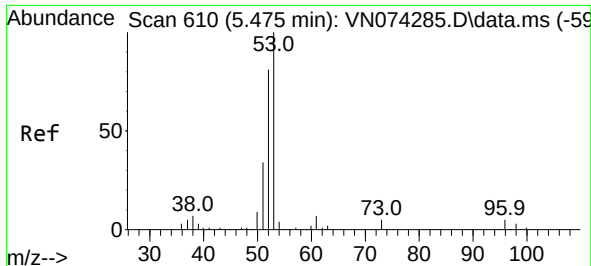
Ion Ratio Lower Upper

41 100

39 87.3 53.2 79.8#

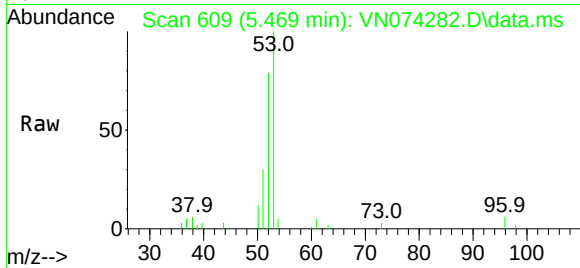
76 24.7 29.9 44.9#





#15
Acrylonitrile
Concen: 17.437 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

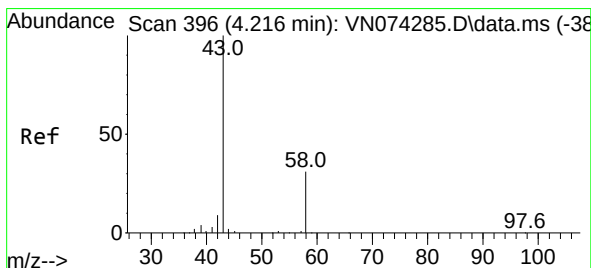
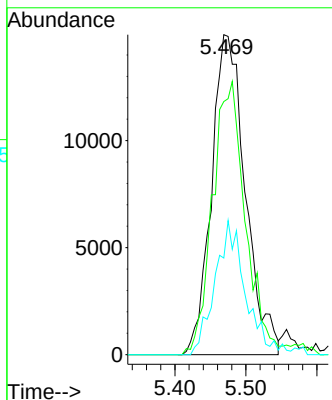
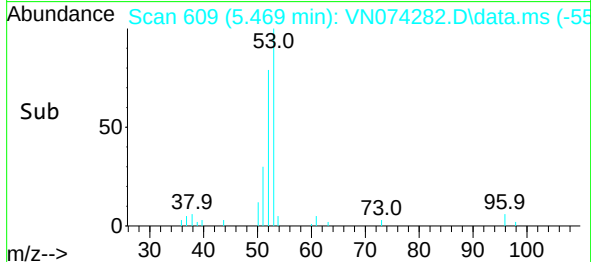
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 4942
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 36.4 28.5 42.7

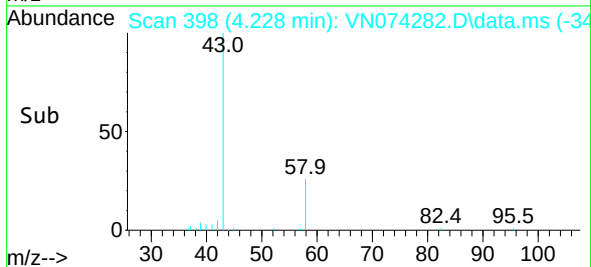
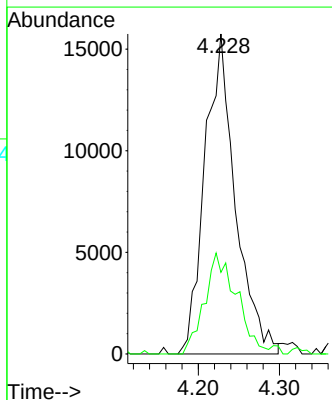
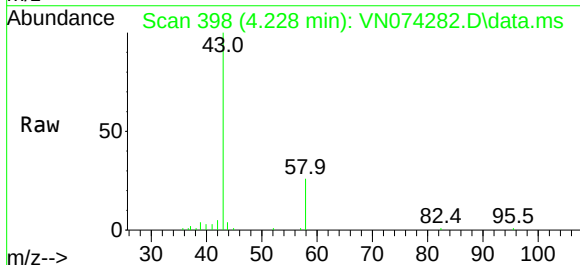
Manual Integrations
APPROVED

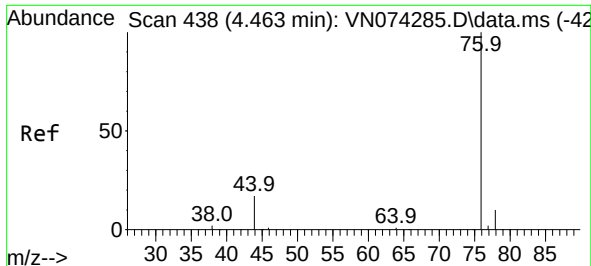
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#16
Acetone
Concen: 15.729 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

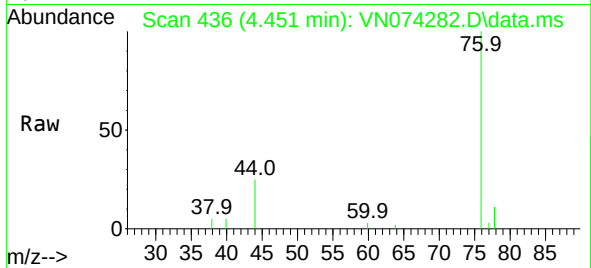
Tgt Ion: 43 Resp: 41232
Ion Ratio Lower Upper
43 100
58 25.5 26.0 39.0#





#17
Carbon Disulfide
Concen: 3.564 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

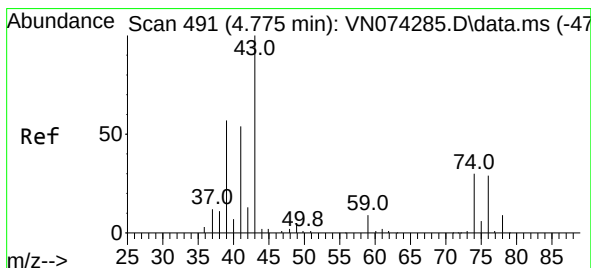
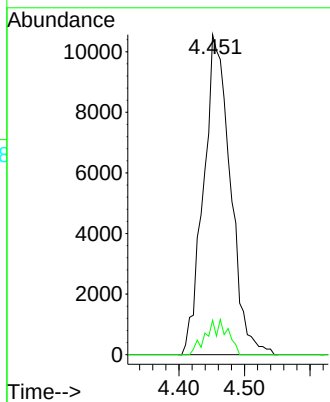
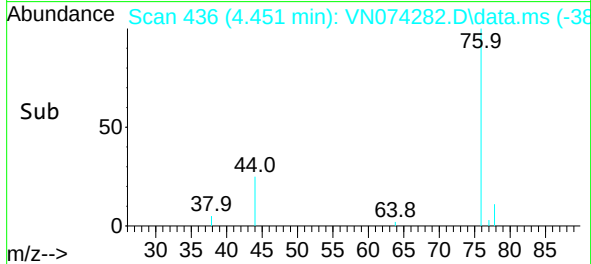
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 30074
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8

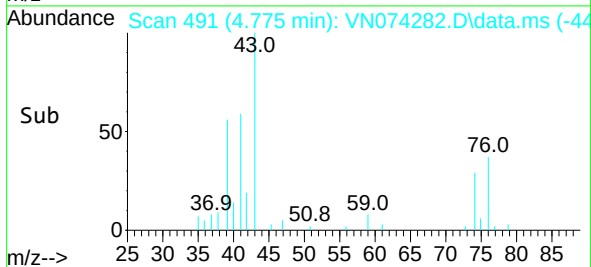
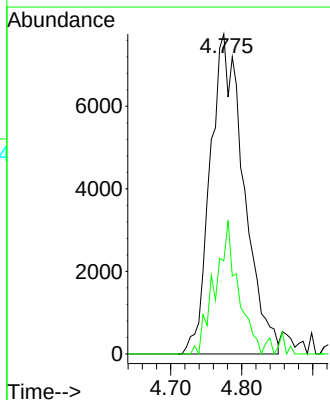
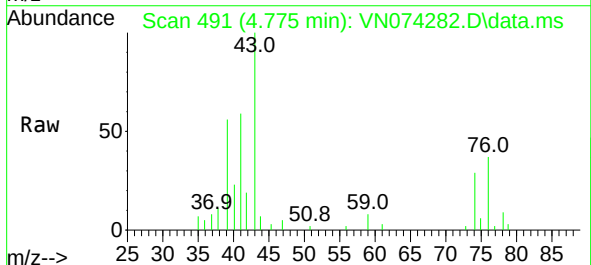
Manual Integrations
APPROVED

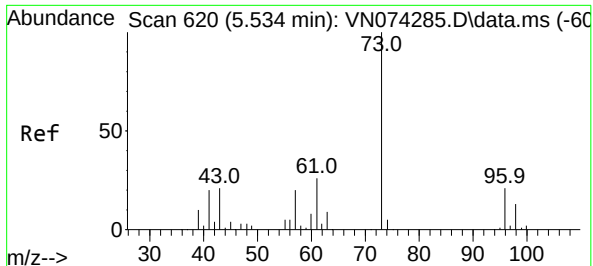
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#18
Methyl Acetate
Concen: 3.220 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion: 43 Resp: 25505
Ion Ratio Lower Upper
43 100
74 28.3 21.6 32.4





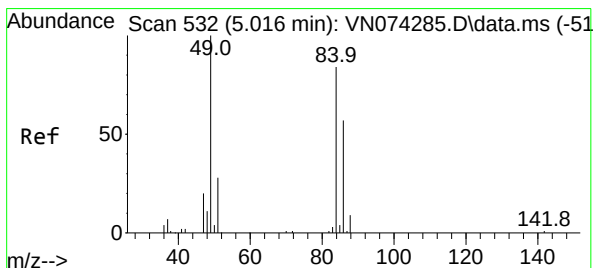
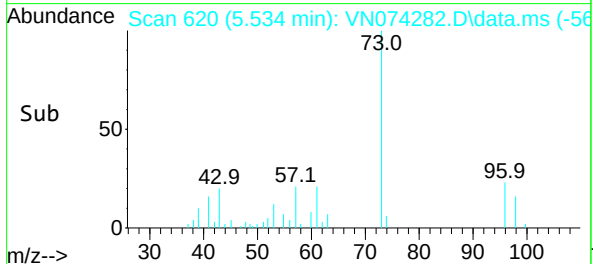
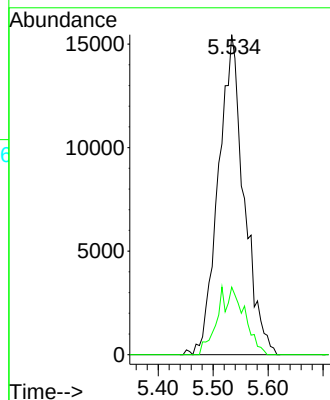
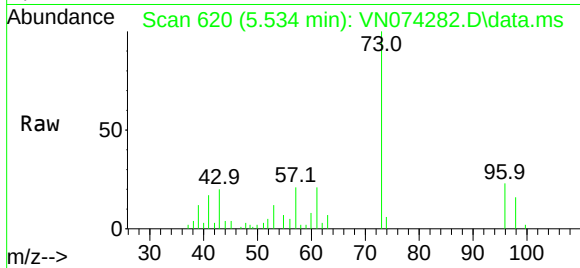
#19
Methyl tert-butyl Ether
Concen: 4.574 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 5017
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

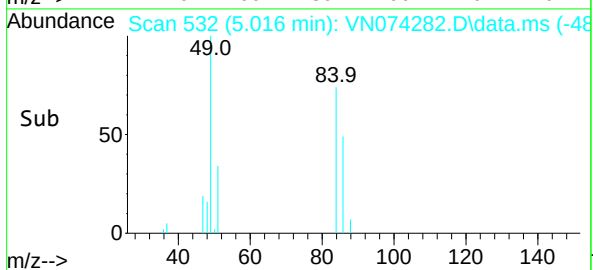
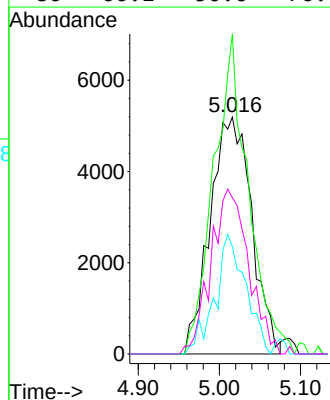
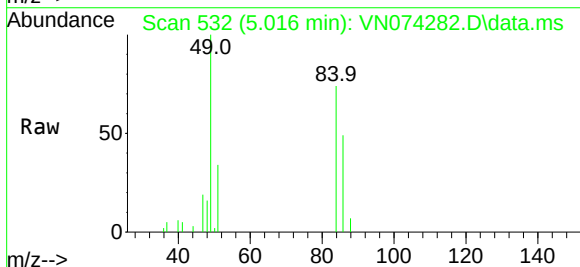
Manual Integrations
APPROVED

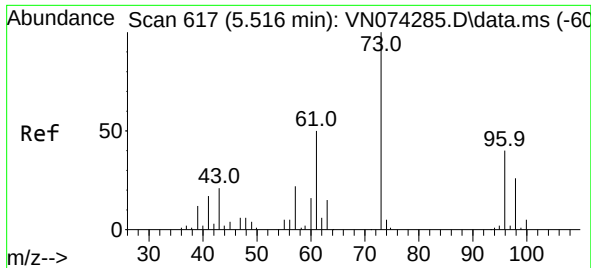
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#20
Methylene Chloride
Concen: 4.127 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

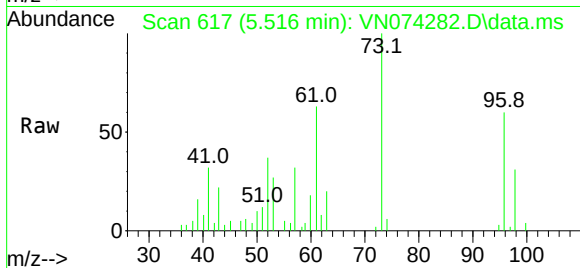
Tgt Ion: 84 Resp: 18454
Ion Ratio Lower Upper
84 100
49 135.1 88.3 132.5#
51 45.4 28.2 42.2#
86 66.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 4.436 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

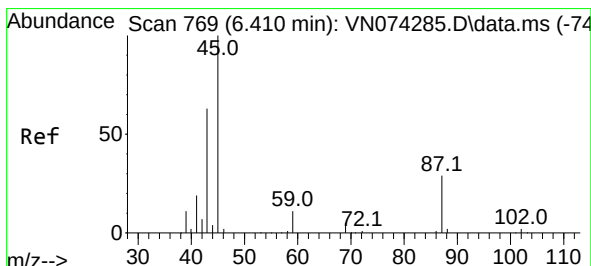
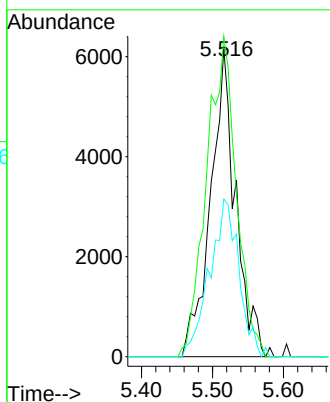
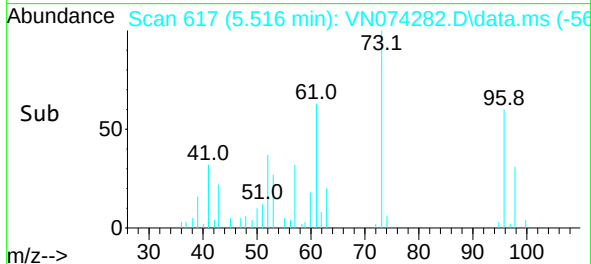
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



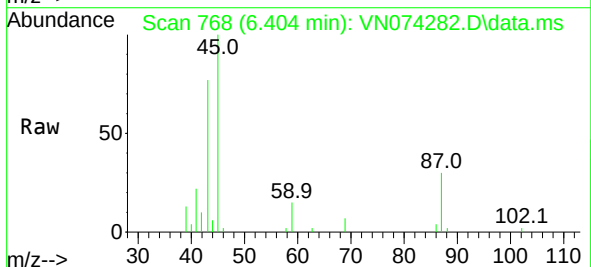
Tgt Ion: 96 Resp: 1518
Ion Ratio Lower Upper
96 100
61 103.8 105.8 158.8
98 51.1 50.3 75.5

Manual Integrations
APPROVED

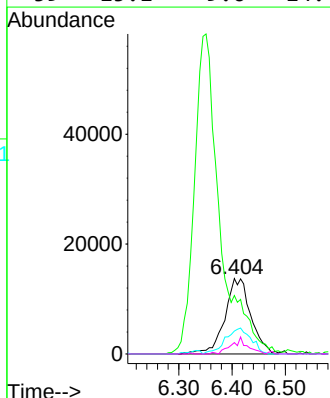
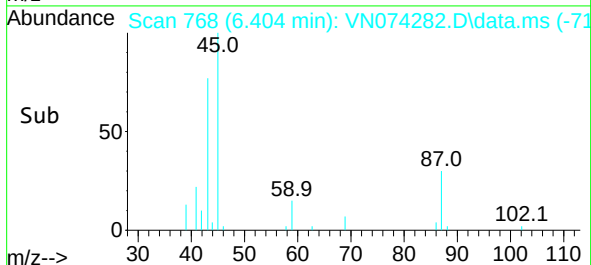
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

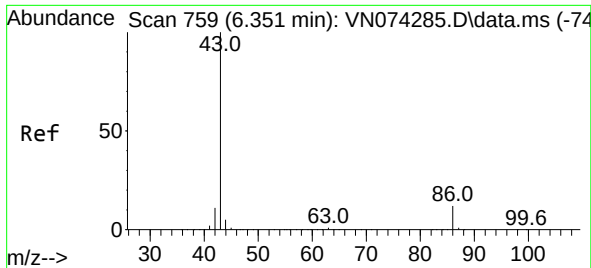


#22
Diisopropyl ether
Concen: 3.450 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.012 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



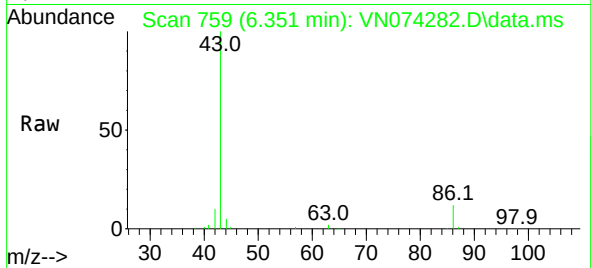
Tgt Ion: 45 Resp: 46477
Ion Ratio Lower Upper
45 100
43 73.2 46.6 70.0#
87 30.4 24.3 36.5
59 15.1 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 17.053 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. -0.000 min
 Lab File: VN074282.D
 Acq: 02 Sep 2022 12:35

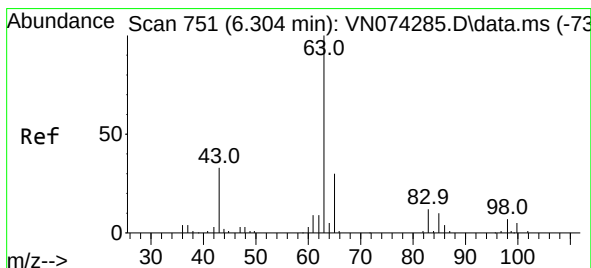
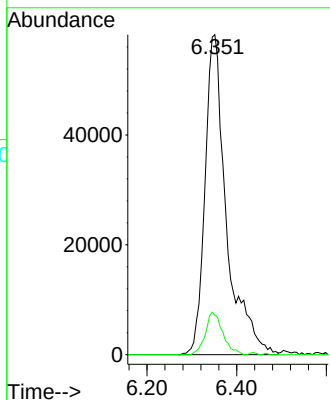
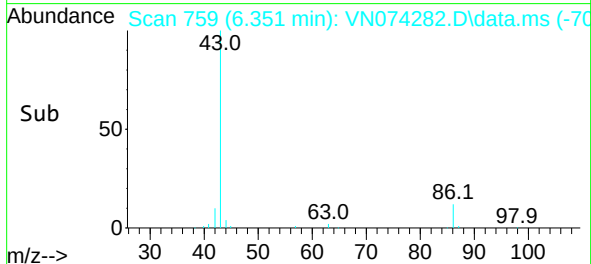
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



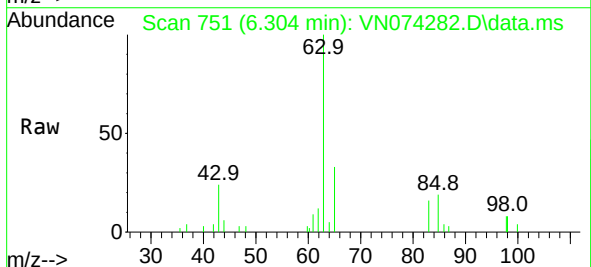
Tgt Ion: 43 Resp: 19396
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0

Manual Integrations
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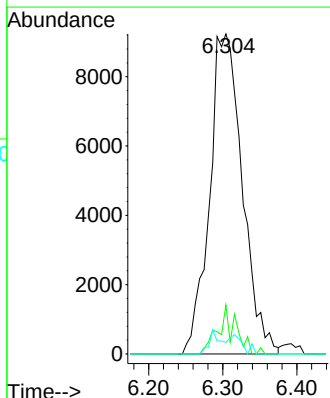
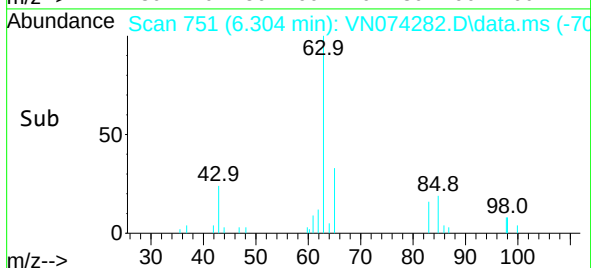
Reviewed By :John Carlone 09/03/2022
 Supervised By :Mahesh Dadoda 09/06/2022

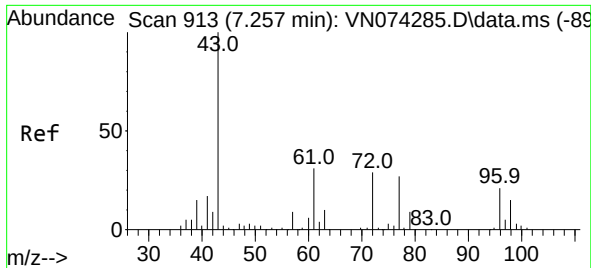


#24
 1,1-Dichloroethane
 Concen: 4.271 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN074282.D
 Acq: 02 Sep 2022 12:35



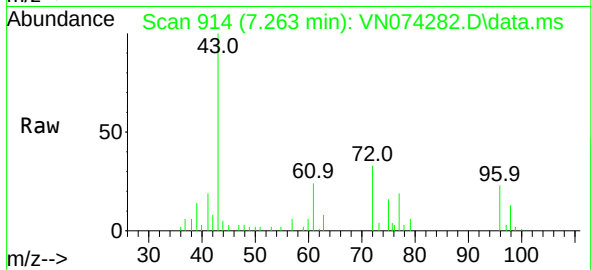
Tgt Ion: 63 Resp: 28383
 Ion Ratio Lower Upper
 63 100
 98 15.3 3.5 10.4#
 100 3.6 2.3 6.8





#25
2-Butanone
Concen: 16.673 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

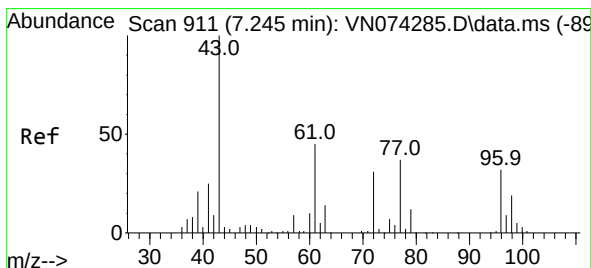
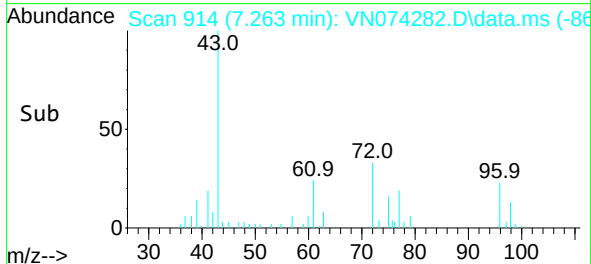
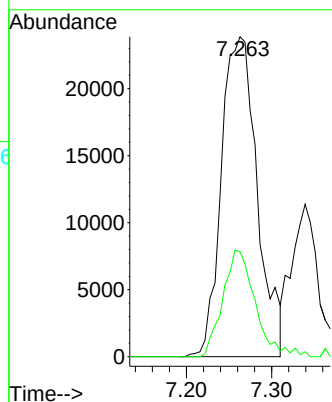
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 43 Resp: 6992
Ion Ratio Lower Upper
43 100
72 32.8 23.7 35.5

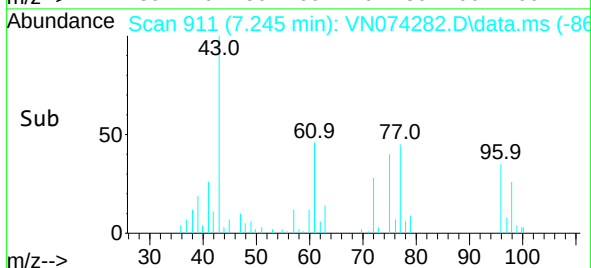
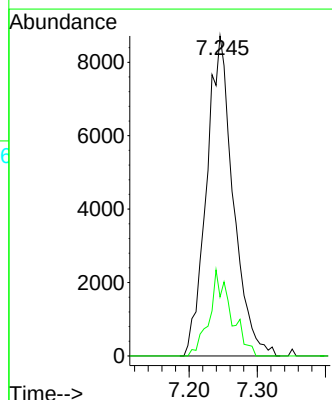
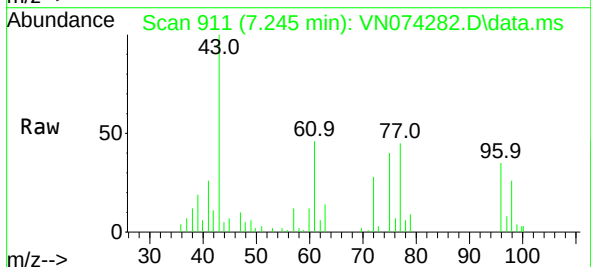
Manual Integrations
APPROVED

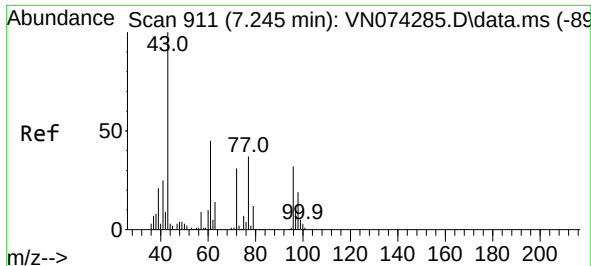
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#26
2,2-Dichloropropane
Concen: 5.143 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

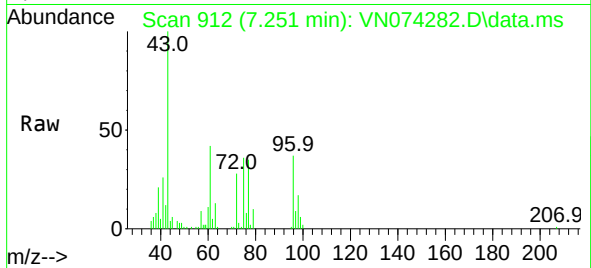
Tgt Ion: 77 Resp: 23778
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 4.954 ug/l
RT: 7.251 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

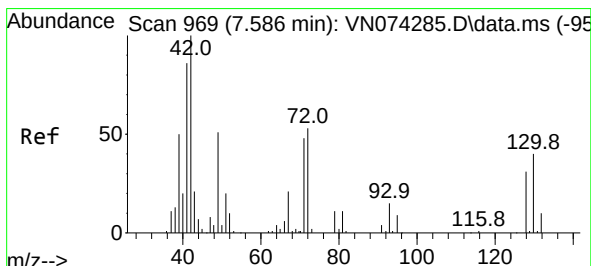
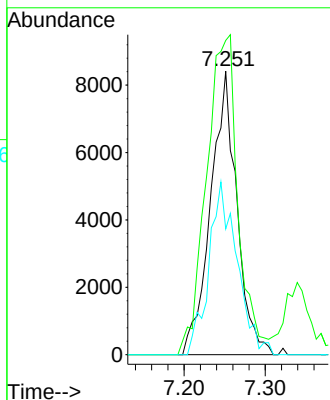
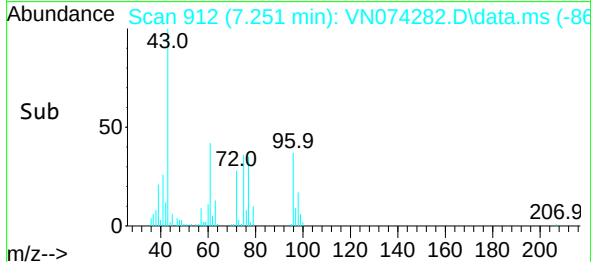
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 18930
Ion Ratio Lower Upper
96 100
61 135.3 0.0 280.6
98 65.4 0.0 128.4

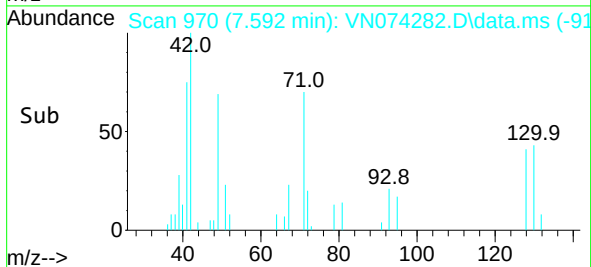
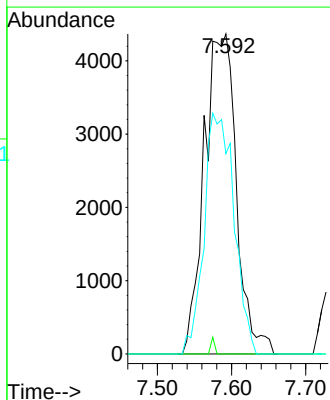
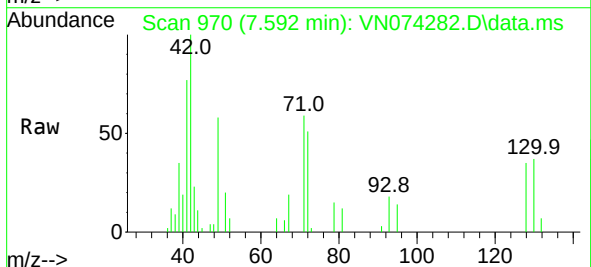
Manual Integrations
APPROVED

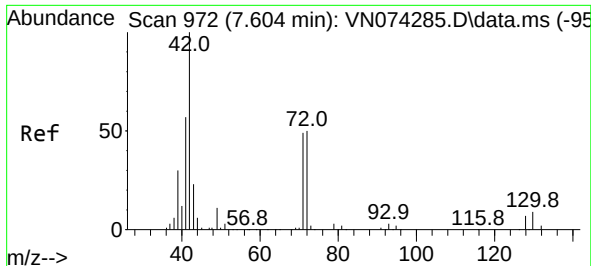
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#28
Bromochloromethane
Concen: 4.971 ug/l
RT: 7.592 min Scan# 970
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

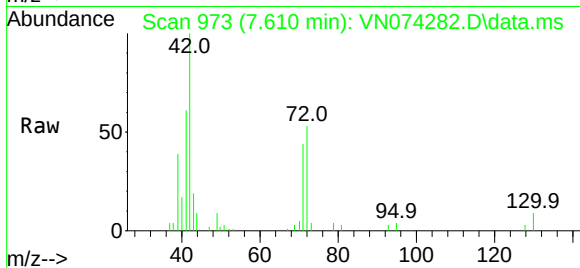
Tgt Ion: 49 Resp: 13154
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.6
130 69.9 69.7 104.5





#29
Tetrahydrofuran
Concen: 16.227 ug/l
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

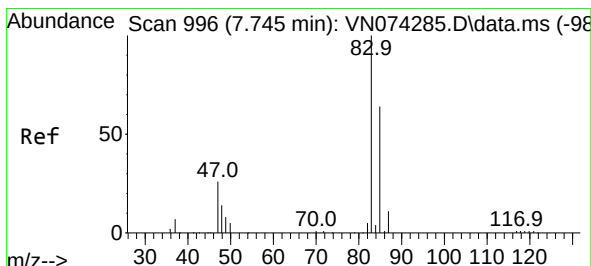
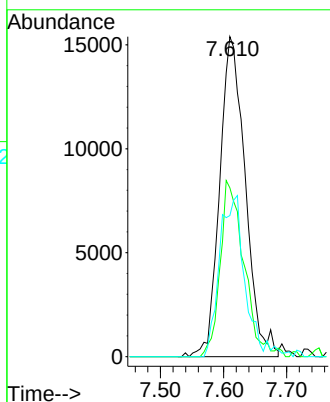
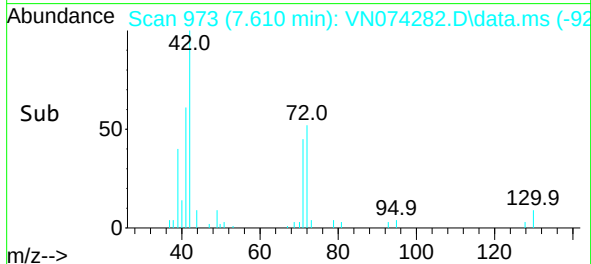
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



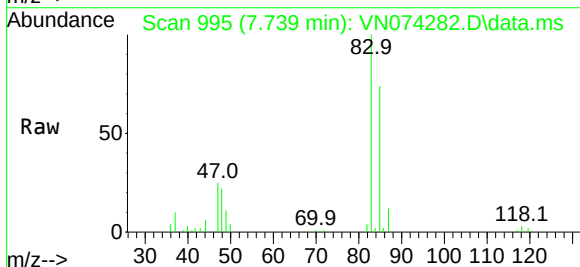
Tgt Ion: 42 Resp: 43338
Ion Ratio Lower Upper
42 100
72 51.4 39.7 59.5
71 48.2 36.6 55.0

Manual Integrations
APPROVED

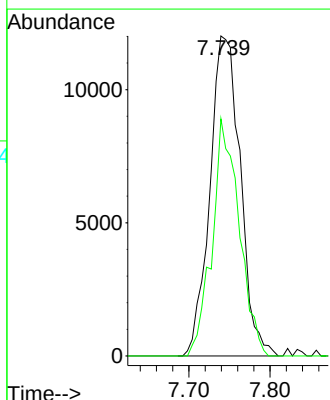
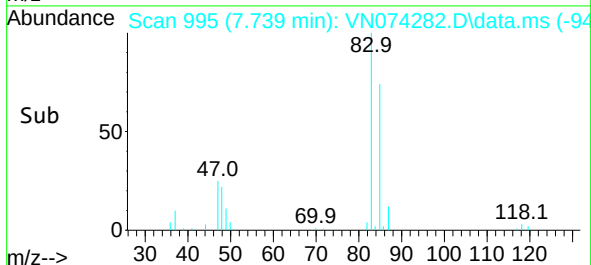
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

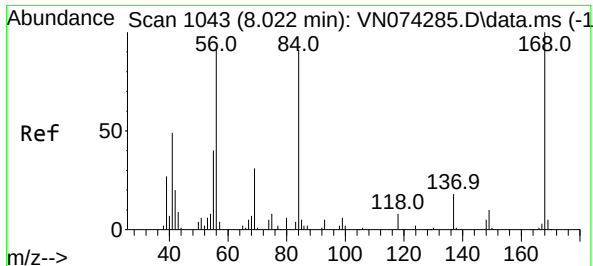


#30
Chloroform
Concen: 4.618 ug/l
RT: 7.739 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



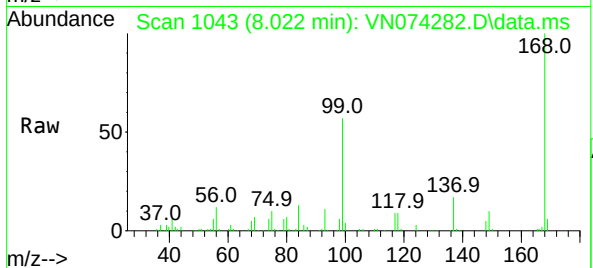
Tgt Ion: 83 Resp: 31288
Ion Ratio Lower Upper
83 100
85 74.1 51.8 77.8





#31
Cyclohexane
Concen: 4.891 ug/l
RT: 8.022 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

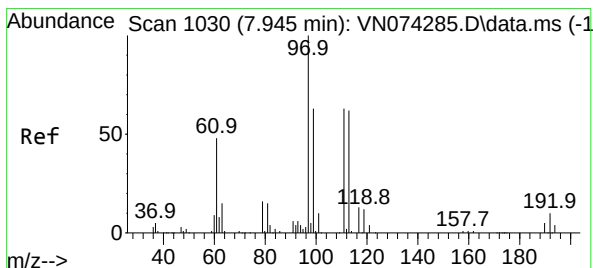
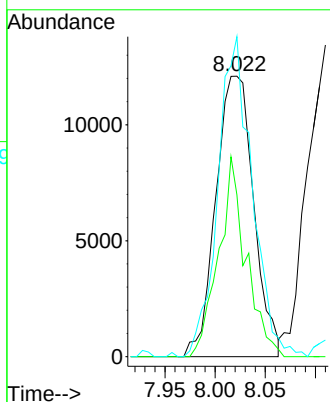
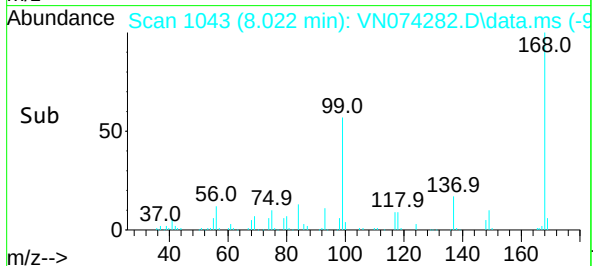
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



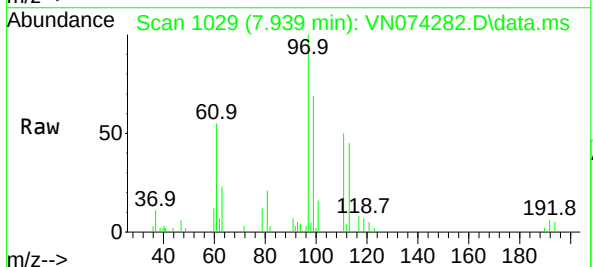
Tgt Ion: 56 Resp: 31704
Ion Ratio Lower Upper
56 100
69 57.7 27.8 41.8
84 114.1 76.9 115.3

Manual Integrations
APPROVED

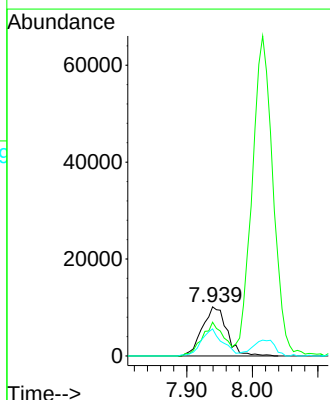
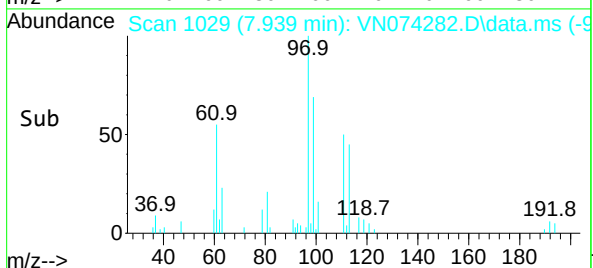
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

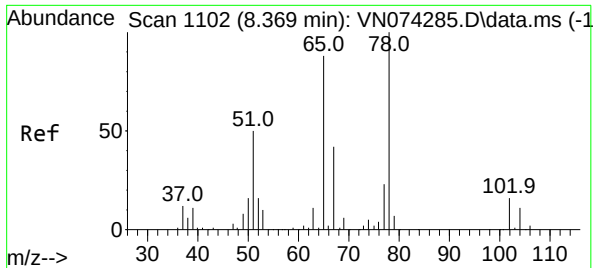


#32
1,1,1-Trichloroethane
Concen: 5.070 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



Tgt Ion: 97 Resp: 26418
Ion Ratio Lower Upper
97 100
99 59.6 50.6 76.0
61 47.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 4.748 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 1862

Ion Ratio Lower Upper

65 100

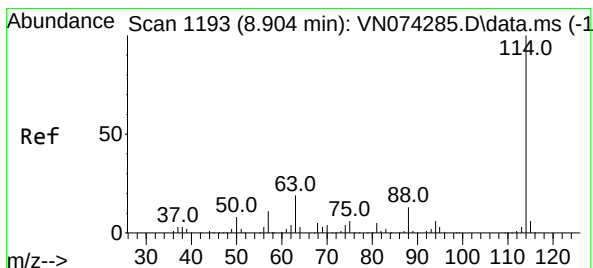
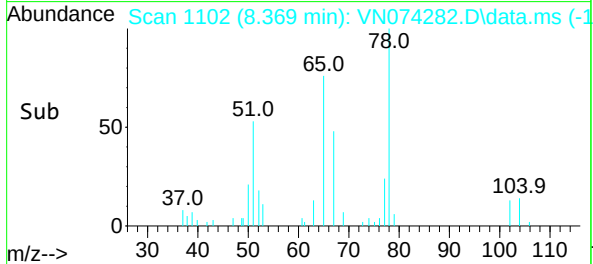
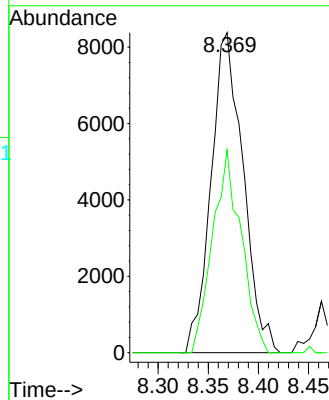
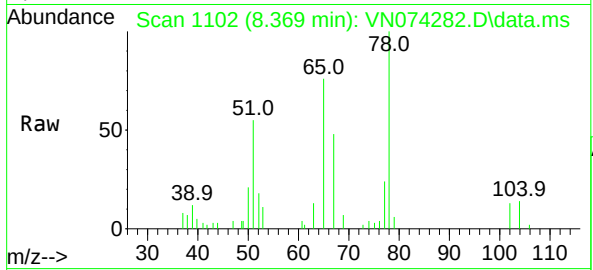
67 56.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

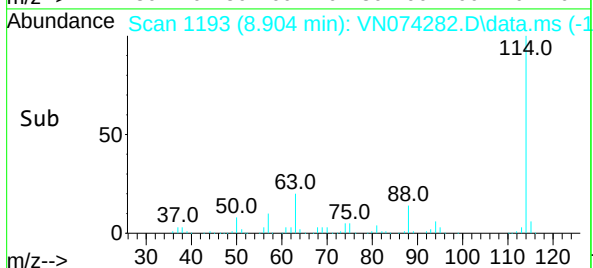
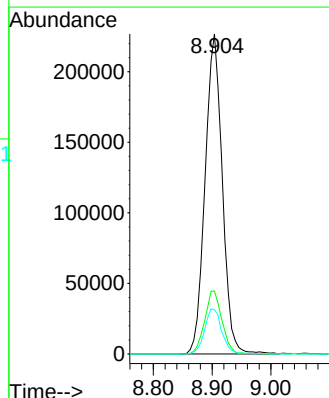
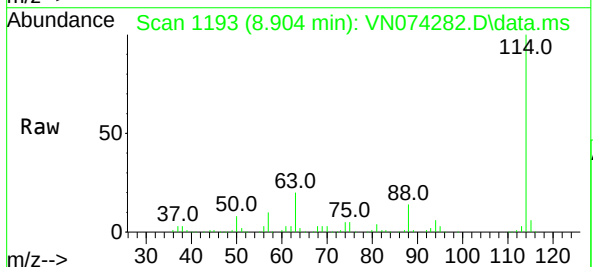
Tgt Ion:114 Resp: 462204

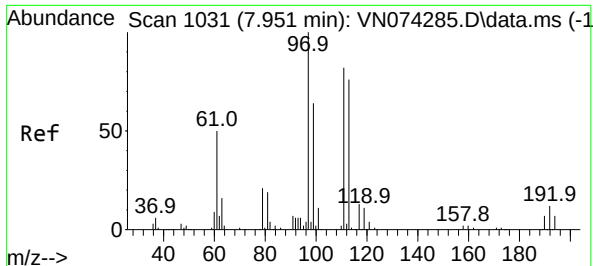
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 13.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 4.732 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

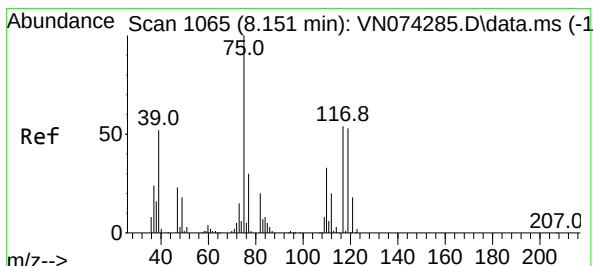
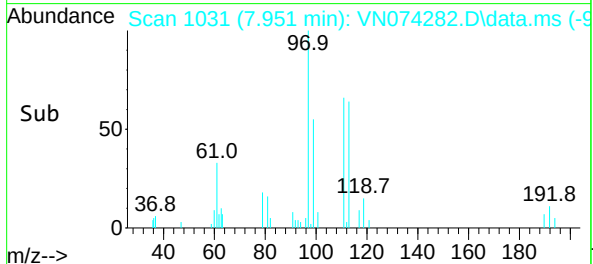
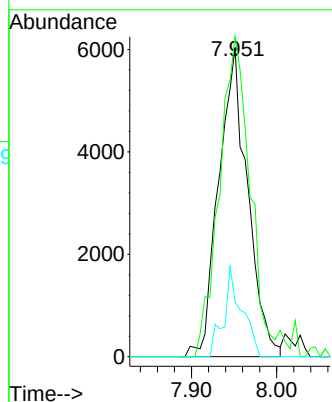
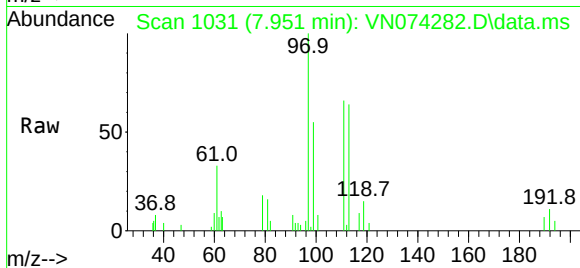
Tgt Ion:	113	Resp:	1423
Ion	Ratio	Lower	Upper
113	100		
111	111.3	81.4	122.0
192	18.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#36

1,1-Dichloropropene

Concen: 4.508 ug/l

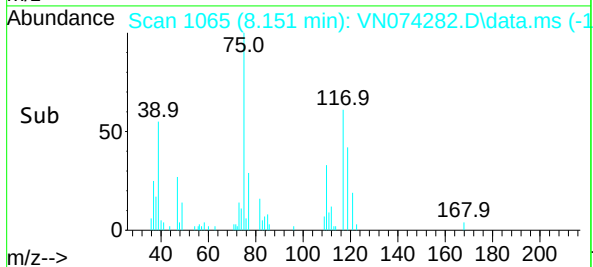
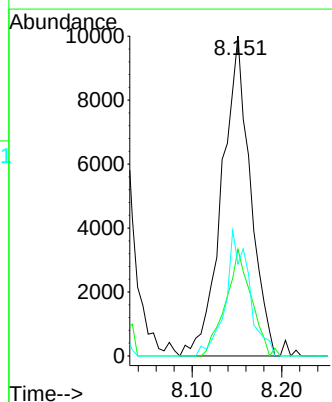
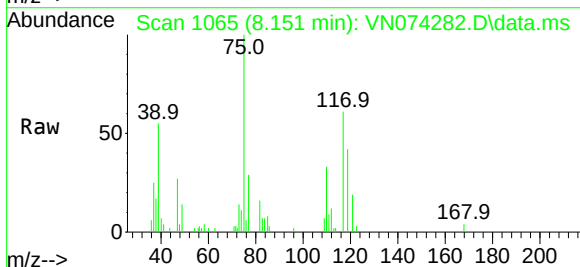
RT: 8.151 min Scan# 1065

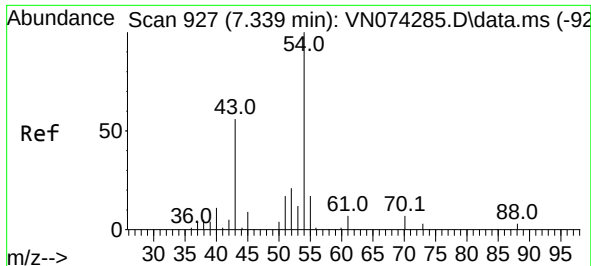
Delta R.T. -0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

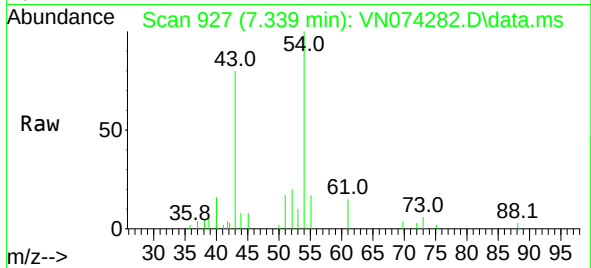
Tgt Ion:	75	Resp:	21998
Ion	Ratio	Lower	Upper
75	100		
110	30.0	18.3	54.8
77	32.5	25.1	37.7





#37
Ethyl Acetate
Concen: 3.140 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

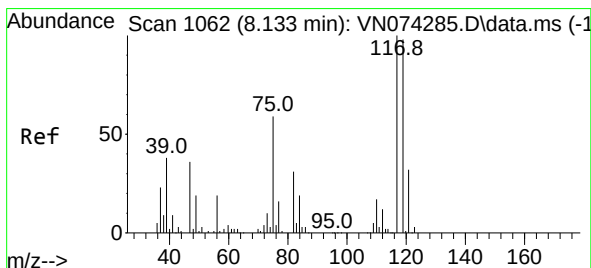
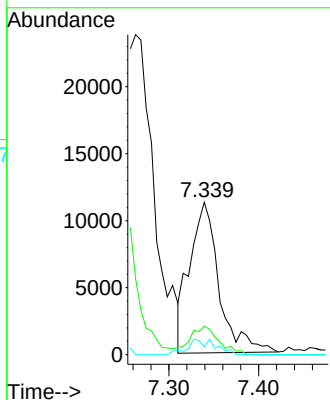
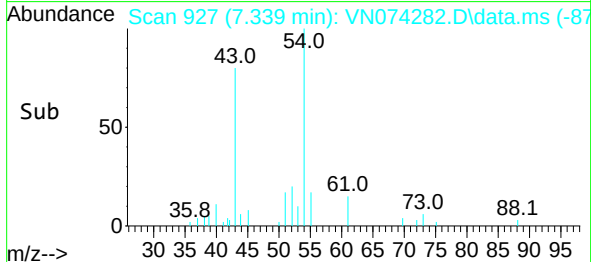
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



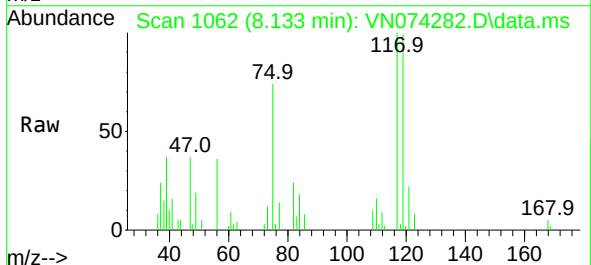
Tgt Ion: 43 Resp: 25624
Ion Ratio Lower Upper
43 100
61 18.7 11.8 17.6
70 9.8 9.3 13.9

Manual Integrations
APPROVED

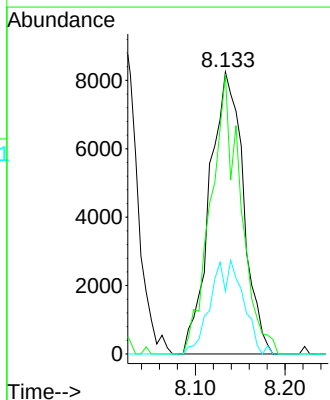
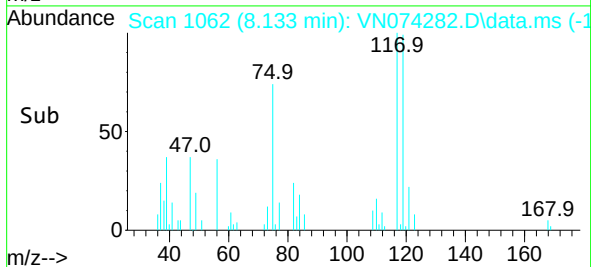
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

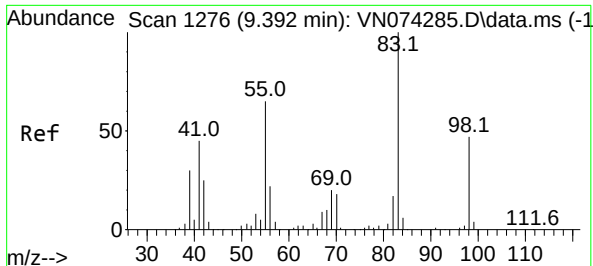


#38
Carbon Tetrachloride
Concen: 4.599 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



Tgt Ion:117 Resp: 21450
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.8
121 22.2 24.6 37.0#





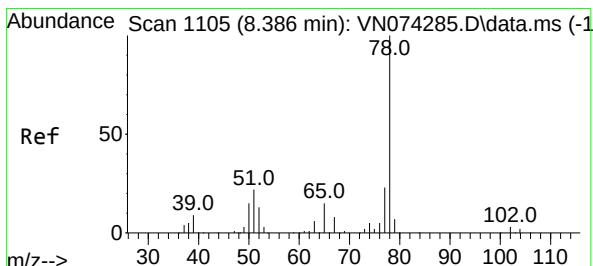
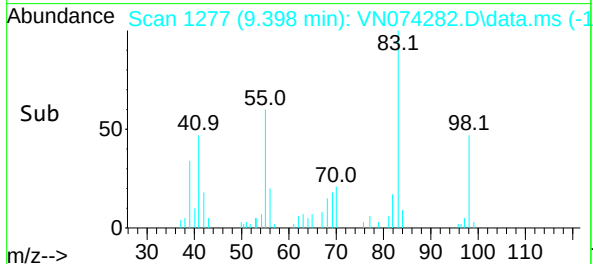
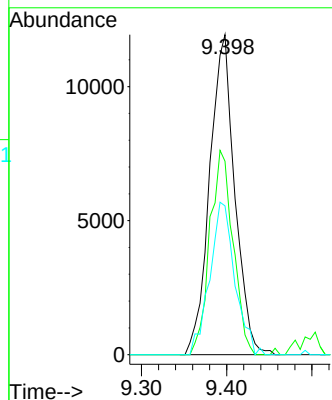
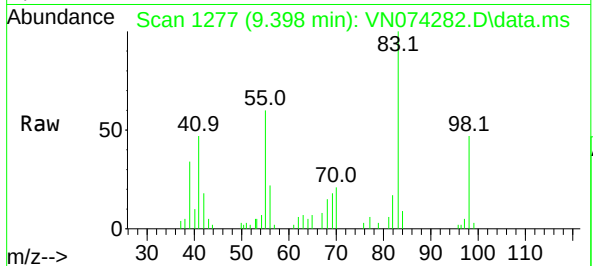
#39
Methylcyclohexane
Concen: 4.268 ug/l
RT: 9.398 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2444
Ion Ratio Lower Upper
83 100
55 60.4 57.8 86.8
98 46.5 39.4 59.2

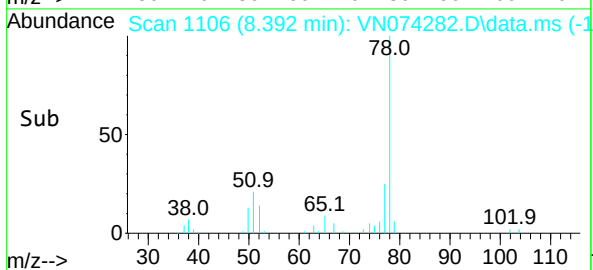
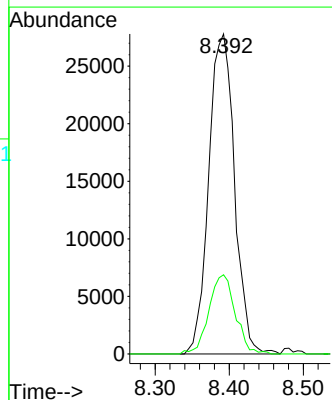
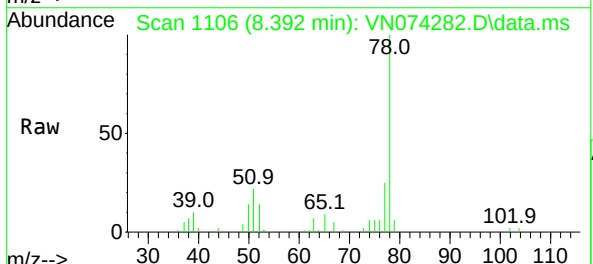
Manual Integrations
APPROVED

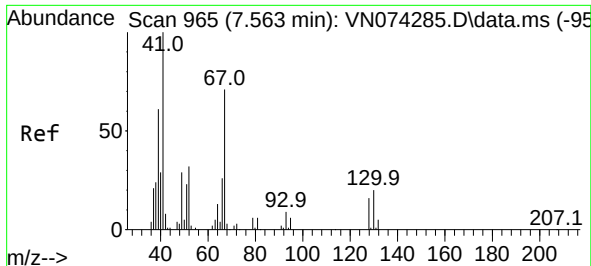
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#40
Benzene
Concen: 4.384 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion: 78 Resp: 67181
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0





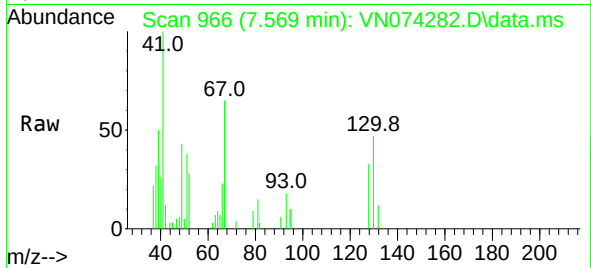
#41
Methacrylonitrile
Concen: 3.423 ug/l
RT: 7.569 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

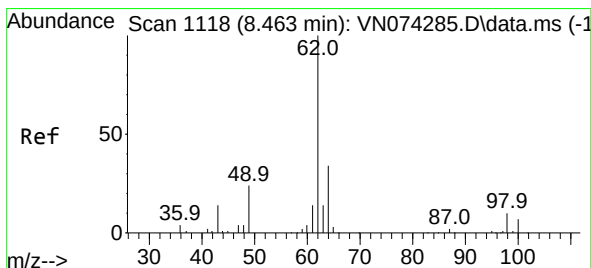
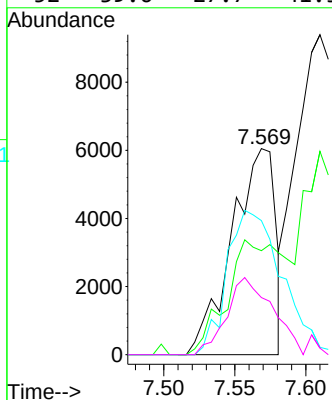
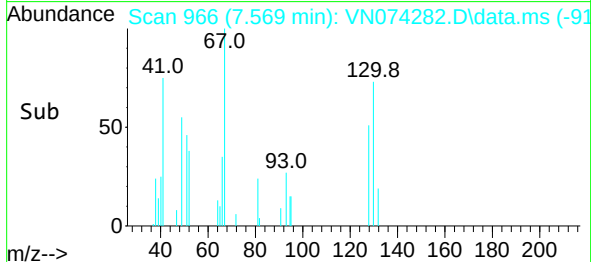
VSTDIC005



Tgt Ion: 41 Resp: 1289
Ion Ratio Lower Upper
41 100
39 70.7 48.6 73.0
67 89.5 73.4 110.2
52 39.6 27.7 41.5

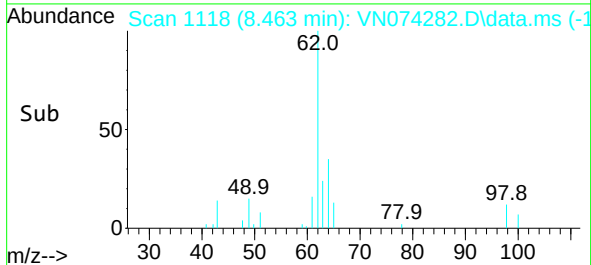
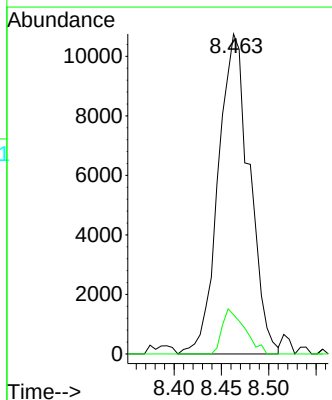
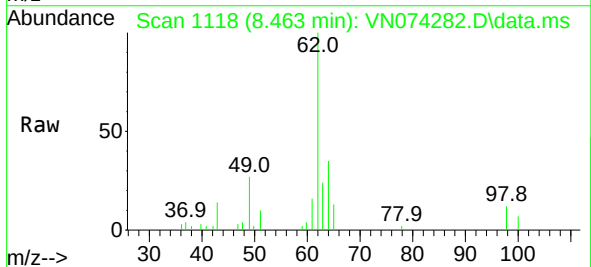
Manual Integrations
APPROVED

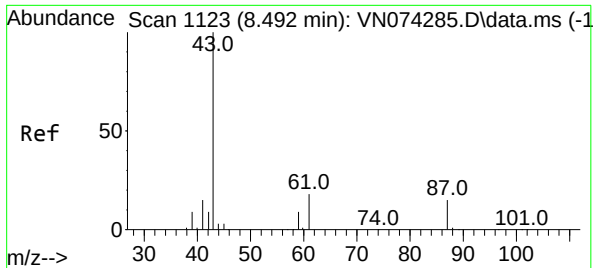
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#42
1,2-Dichloroethane
Concen: 4.528 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion: 62 Resp: 24693
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 3.604 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

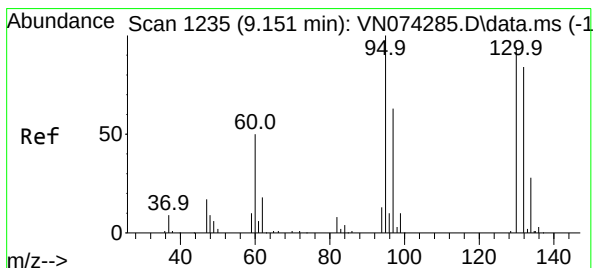
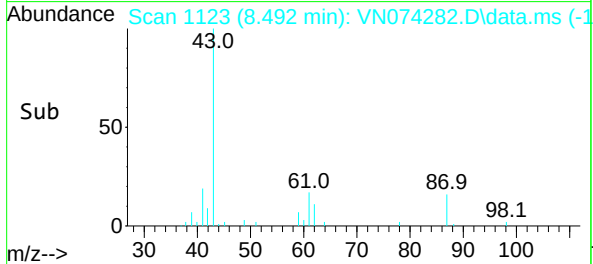
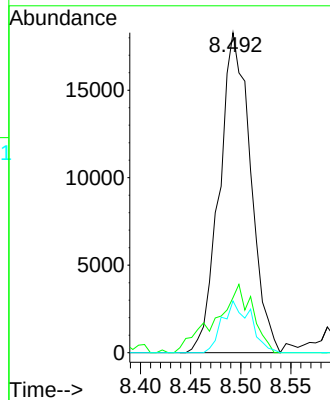
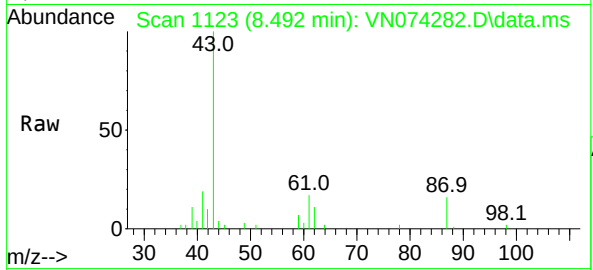
Tgt Ion: 43	Resp: 39538
Ion Ratio	Lower Upper
43 100	
61 25.6	21.9 32.9
87 14.7	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#44

Trichloroethene

Concen: 4.851 ug/l

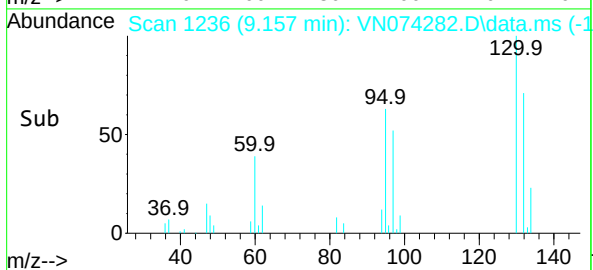
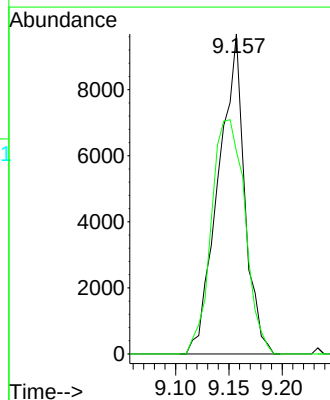
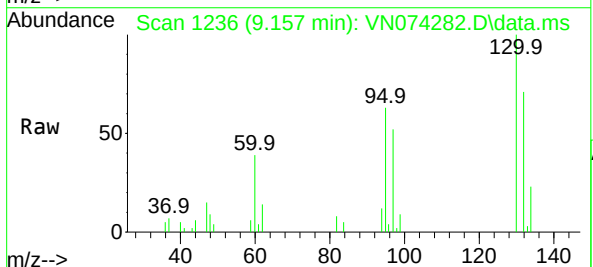
RT: 9.157 min Scan# 1236

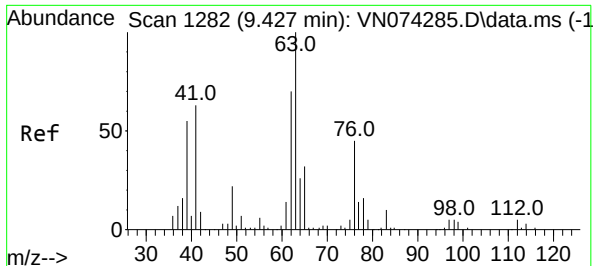
Delta R.T. 0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Tgt Ion:130	Resp: 16611
Ion Ratio	Lower Upper
130 100	
95 63.3	0.0 186.8





#45

1,2-Dichloropropane

Concen: 4.054 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1677

Ion Ratio Lower Upper

63 100

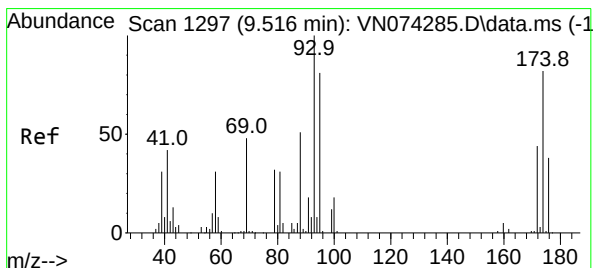
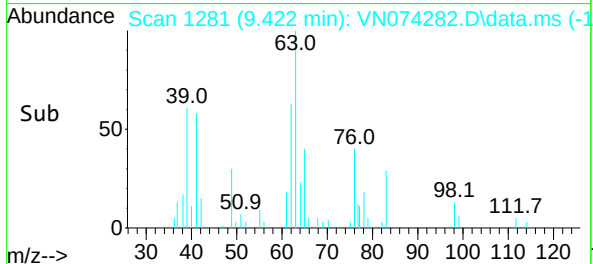
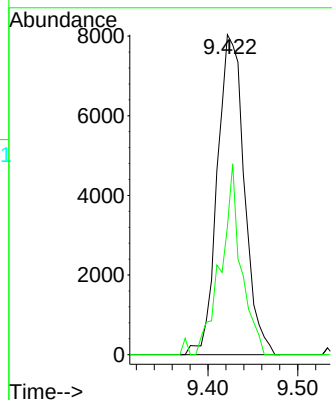
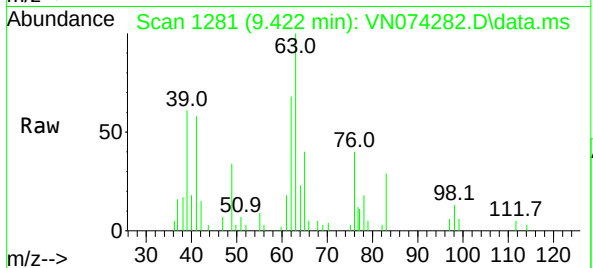
65 39.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#46

Dibromomethane

Concen: 4.553 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

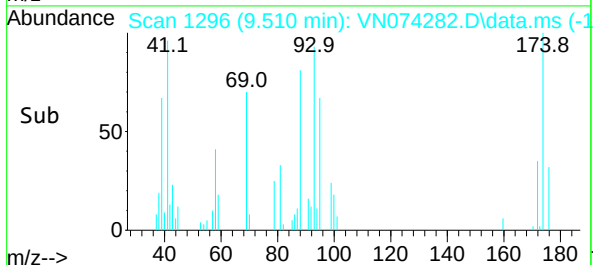
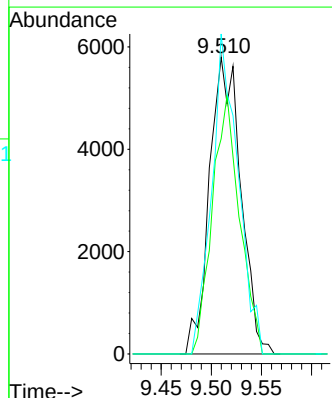
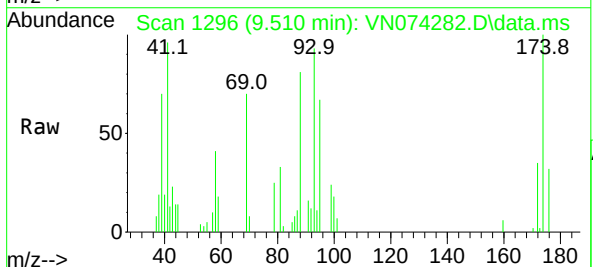
Tgt Ion: 93 Resp: 12580

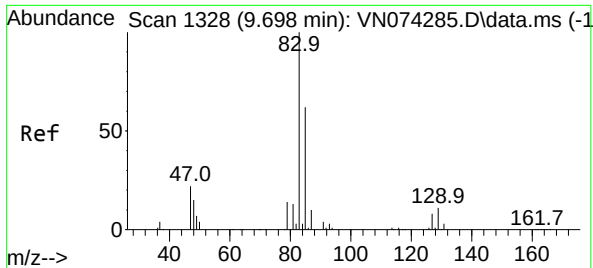
Ion Ratio Lower Upper

93 100

95 76.0 66.9 100.3

174 91.1 86.6 130.0





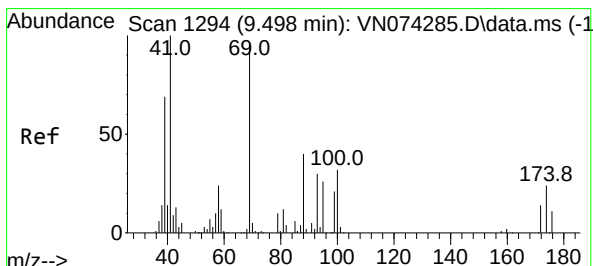
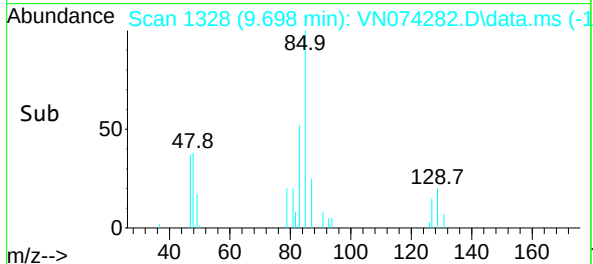
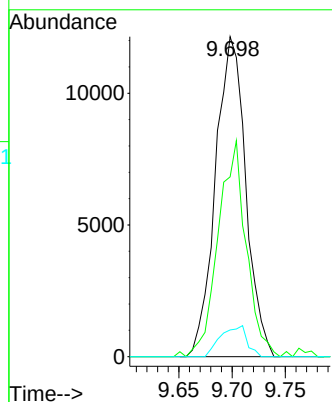
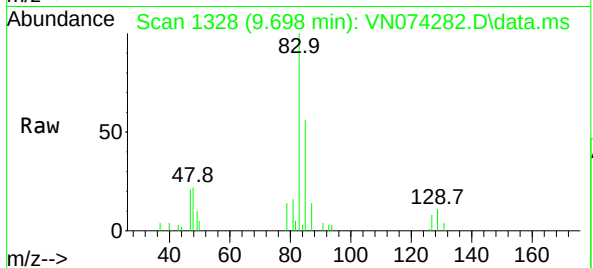
#47
Bromodichloromethane
Concen: 4.432 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 24000
Ion Ratio Lower Upper
83 100
85 56.2 50.5 75.7
127 8.4 6.8 10.2

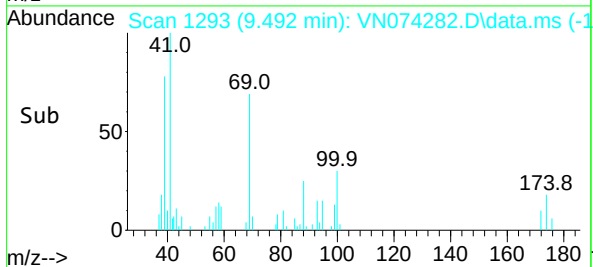
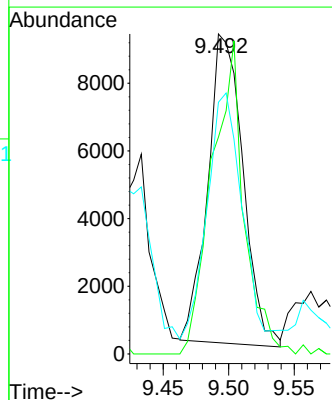
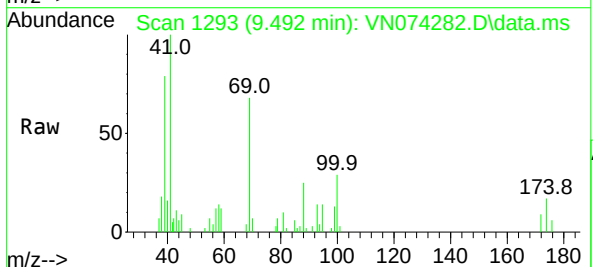
Manual Integrations
APPROVED

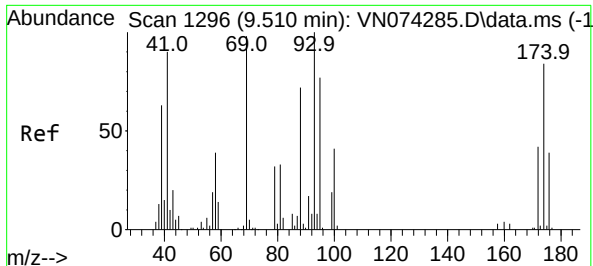
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#48
Methyl methacrylate
Concen: 3.274 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion: 41 Resp: 17062
Ion Ratio Lower Upper
41 100
69 92.3 74.7 112.1
39 88.6 45.6 68.4





#49

1,4-Dioxane

Concen: 83.987 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 944

Ion Ratio Lower Upper

88 100

43 27.4 20.2 30.4

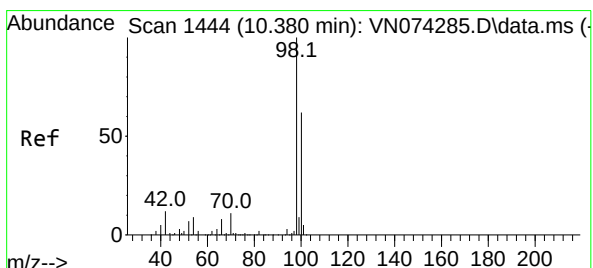
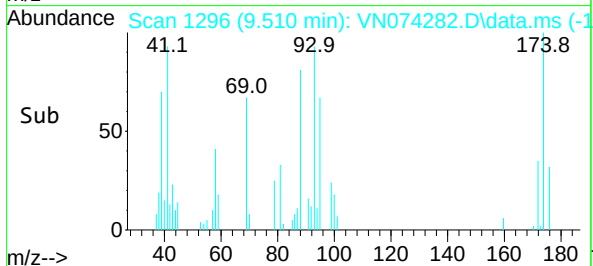
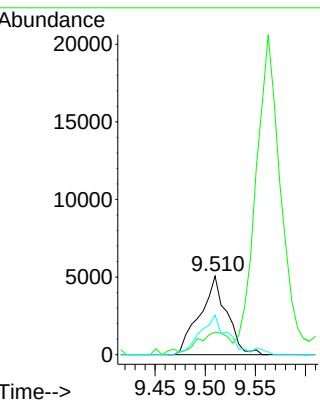
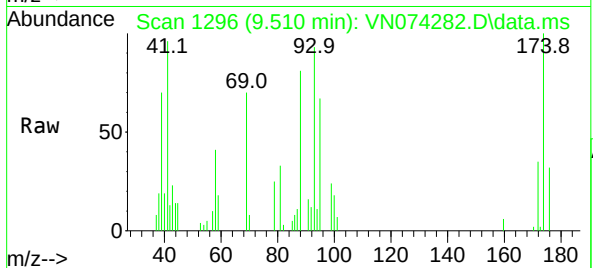
58 50.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#50

Toluene-d8

Concen: 4.631 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074282.D

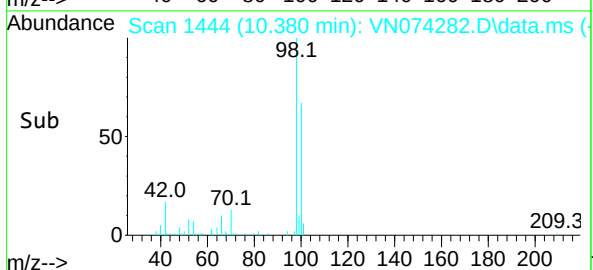
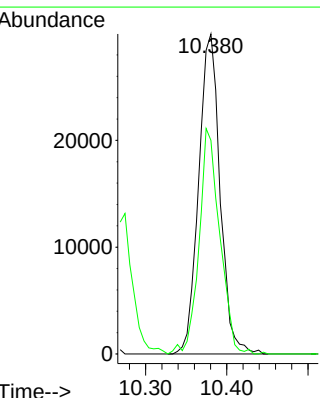
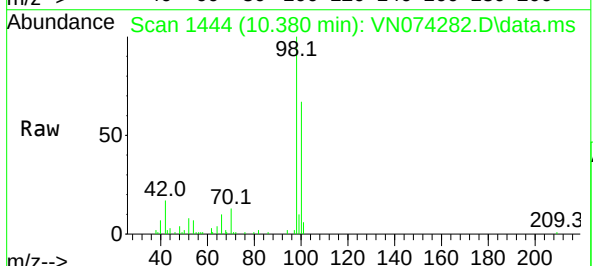
Acq: 02 Sep 2022 12:35

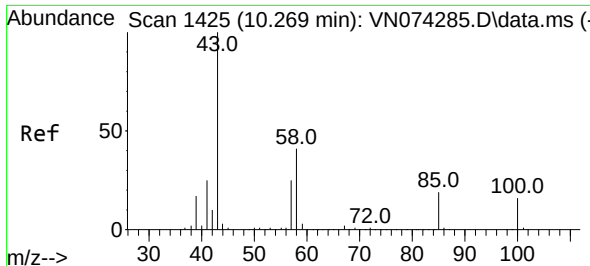
Tgt Ion: 98 Resp: 54848

Ion Ratio Lower Upper

98 100

100 68.1 52.6 78.8





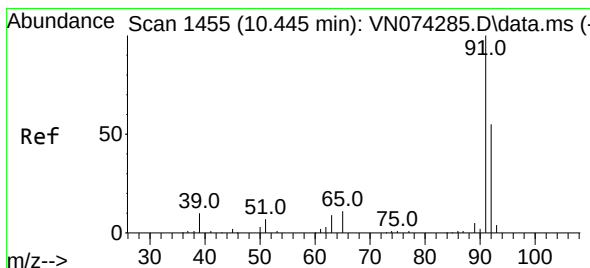
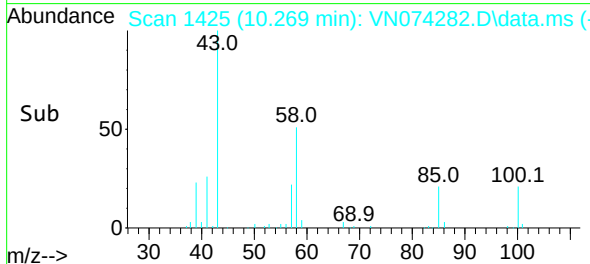
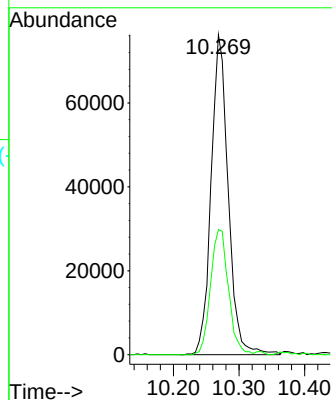
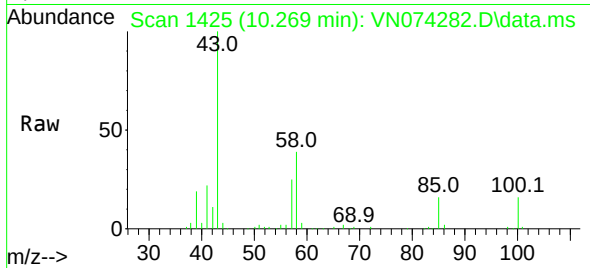
#51
4-Methyl-2-Pentanone
Concen: 17.334 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 13802
Ion Ratio Lower Upper
43 100
58 40.9 34.1 51.1

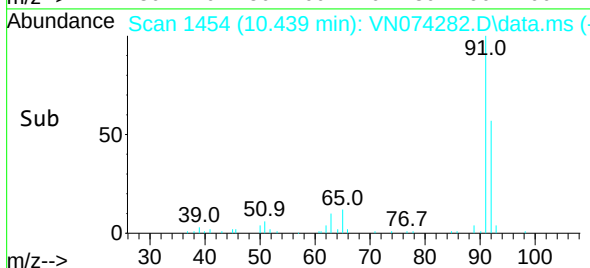
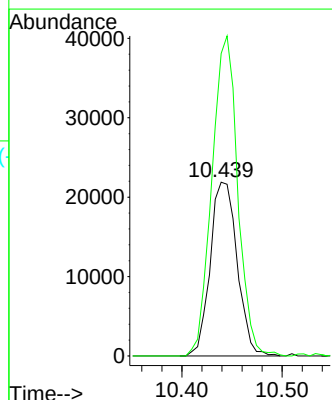
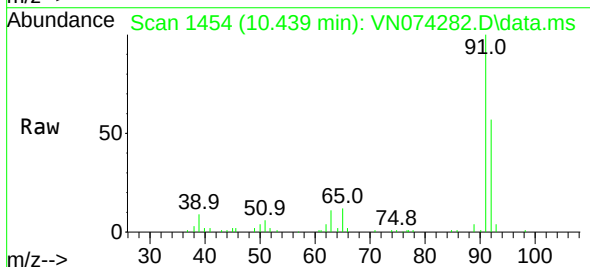
Manual Integrations
APPROVED

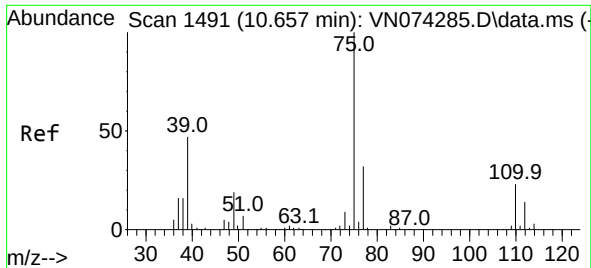
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#52
Toluene
Concen: 4.523 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

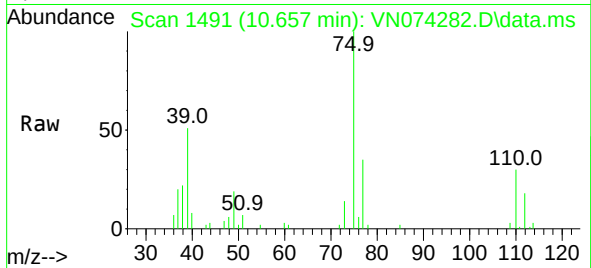
Tgt Ion: 92 Resp: 40852
Ion Ratio Lower Upper
92 100
91 176.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 4.419 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

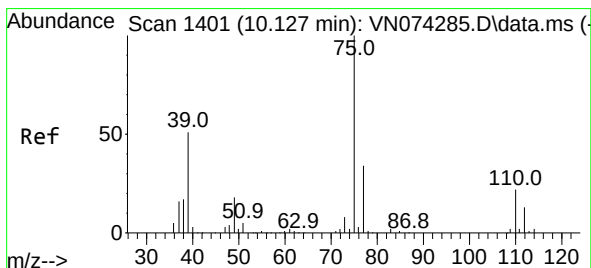
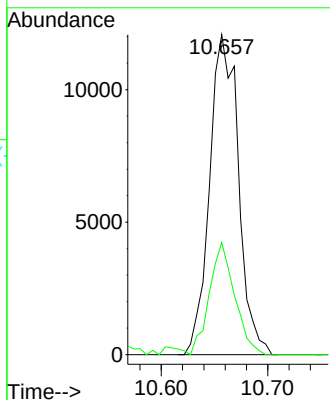
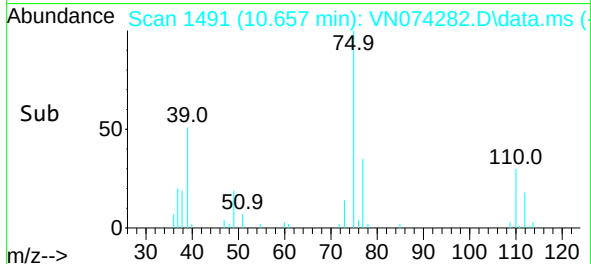
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2268
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4

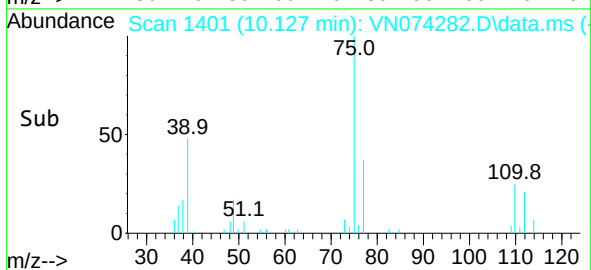
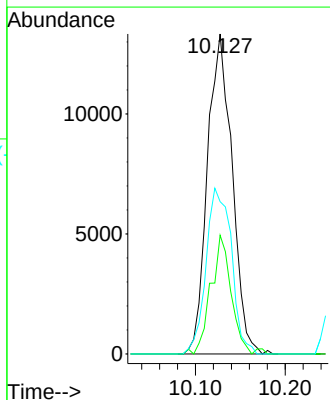
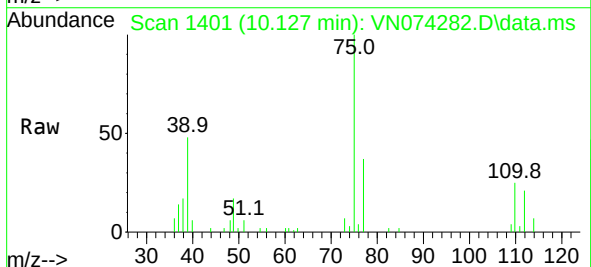
Manual Integrations
APPROVED

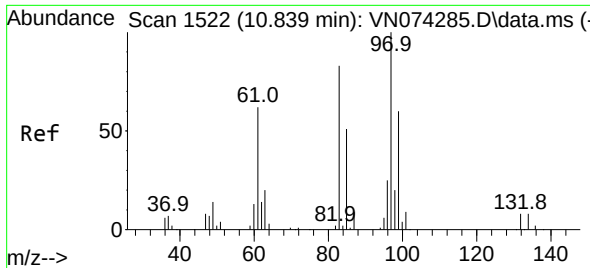
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#54
cis-1,3-Dichloropropene
Concen: 4.433 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

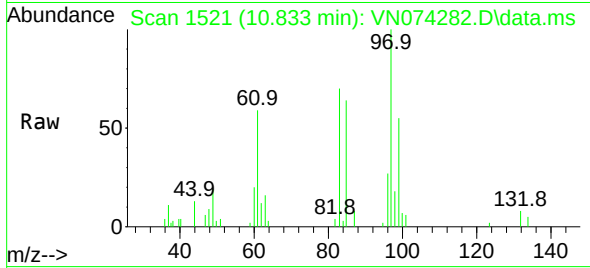
Tgt Ion: 75 Resp: 25481
Ion Ratio Lower Upper
75 100
77 37.1 25.2 37.8
39 47.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 4.467 ug/l
RT: 10.833 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

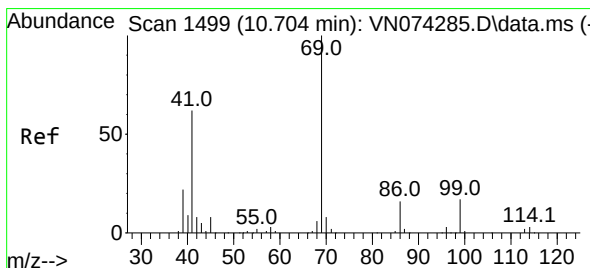
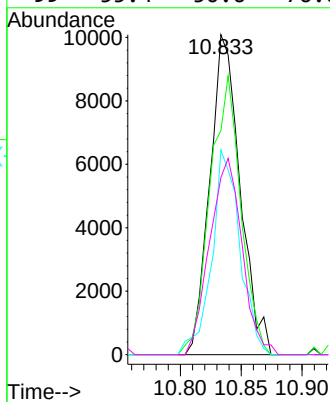
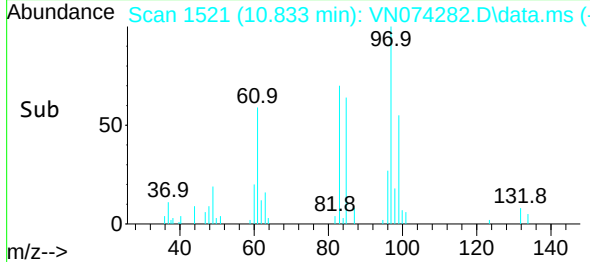
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



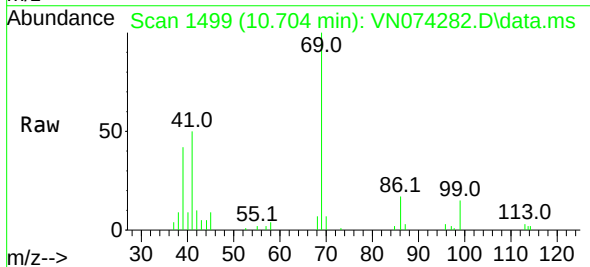
Tgt Ion:	97	Resp:	1745
Ion	Ratio	Lower	Upper
97	100		
83	70.0	66.2	99.4
85	64.0	43.9	65.9
99	55.4	50.6	76.0

Manual Integrations
APPROVED

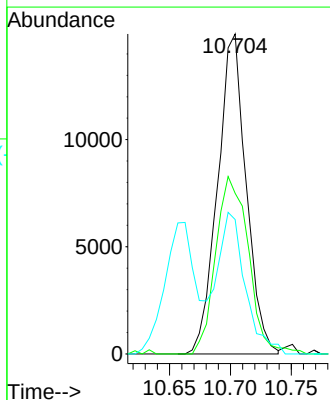
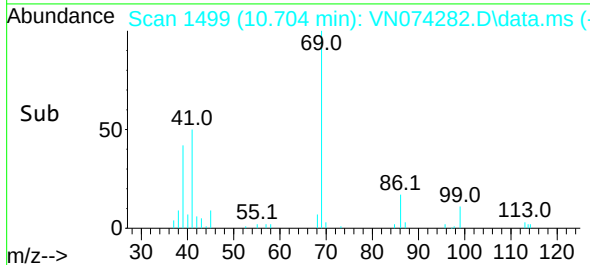
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

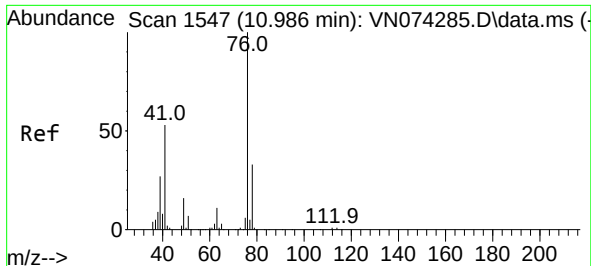


#56
Ethyl methacrylate
Concen: 4.125 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



Tgt Ion:	69	Resp:	24427
Ion	Ratio	Lower	Upper
69	100		
41	63.6	47.8	71.6
39	42.5	27.3	40.9





#57

1,3-Dichloropropane

Concen: 4.409 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2993

Ion Ratio Lower Upper

76 100

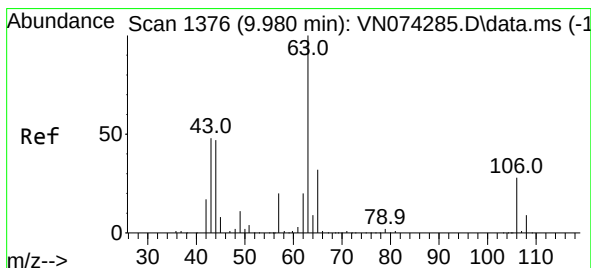
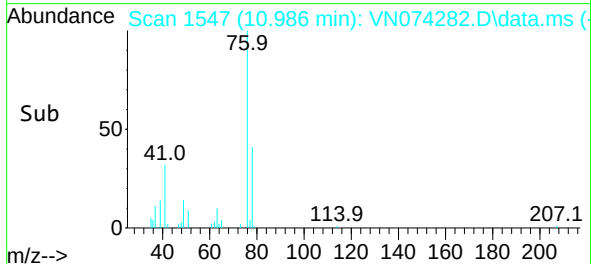
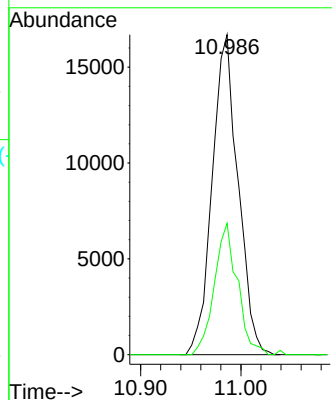
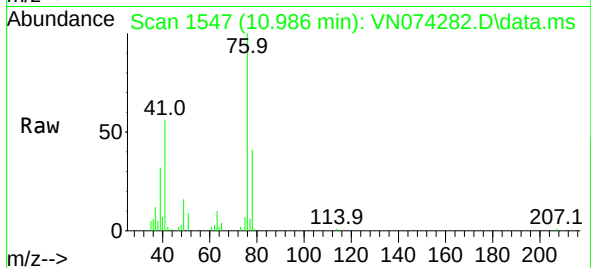
78 36.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.822 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN074282.D

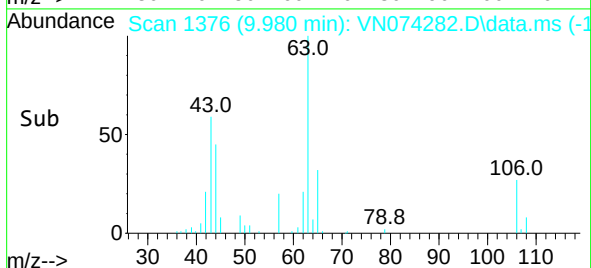
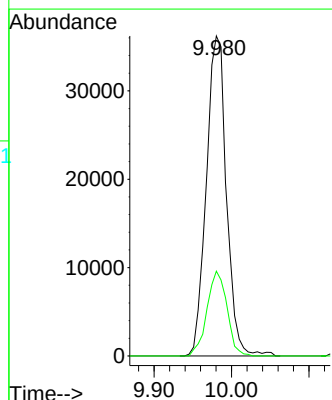
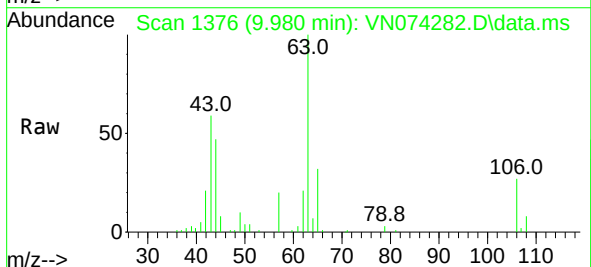
Acq: 02 Sep 2022 12:35

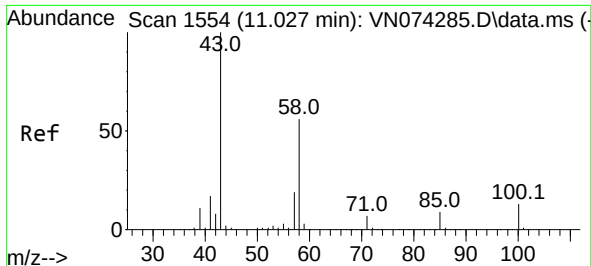
Tgt Ion: 63 Resp: 65368

Ion Ratio Lower Upper

63 100

106 26.3 24.6 36.8





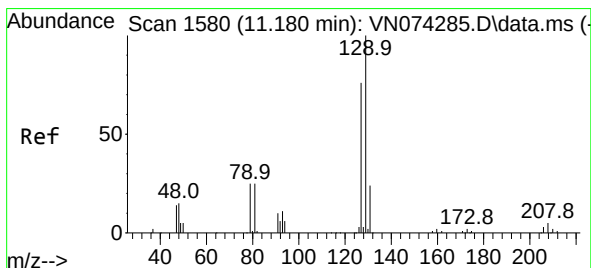
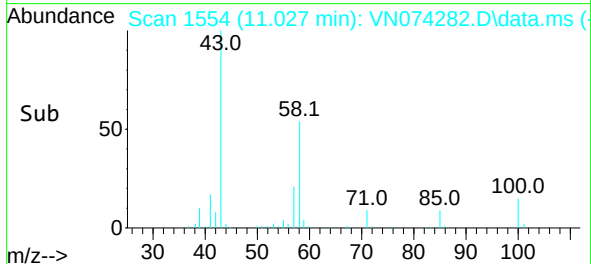
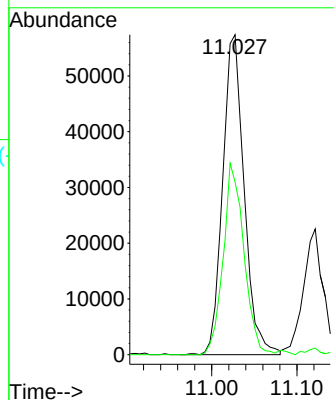
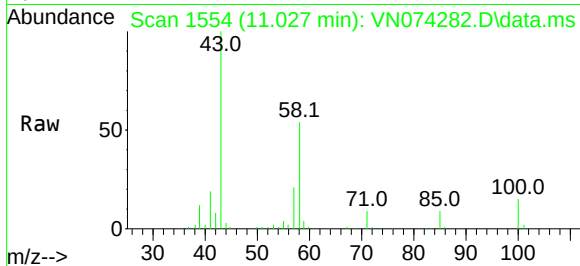
#59
2-Hexanone
Concen: 16.583 ug/l
RT: 11.027 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 100200
Ion Ratio Lower Upper
43 100
58 57.8 29.7 89.1

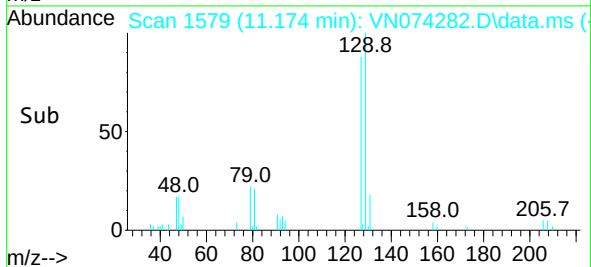
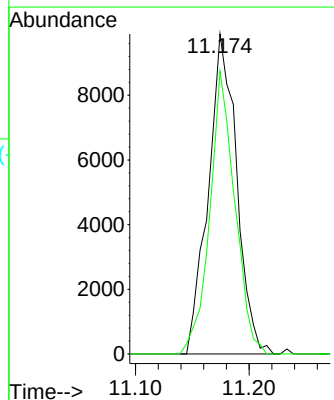
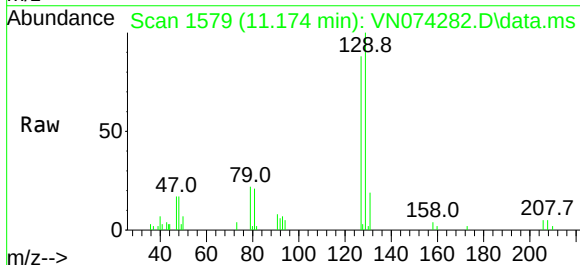
Manual Integrations
APPROVED

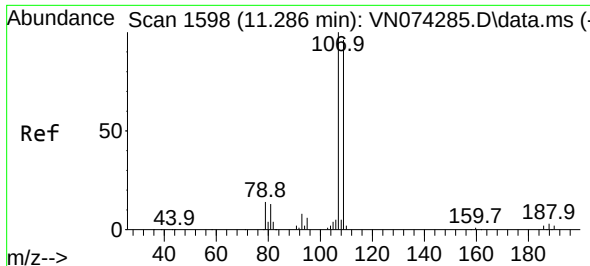
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#60
Dibromochloromethane
Concen: 4.696 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

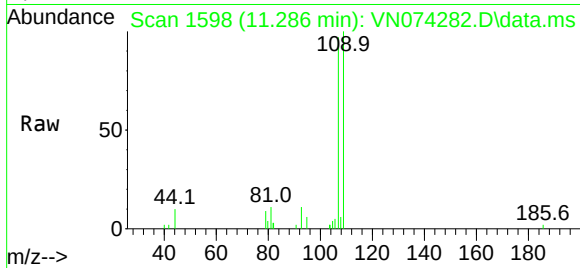
Tgt Ion:129 Resp: 17184
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.715 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

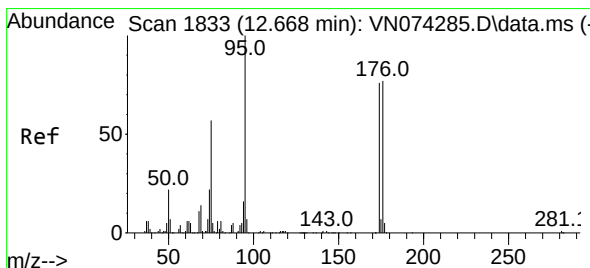
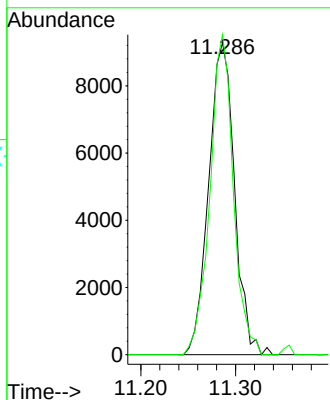
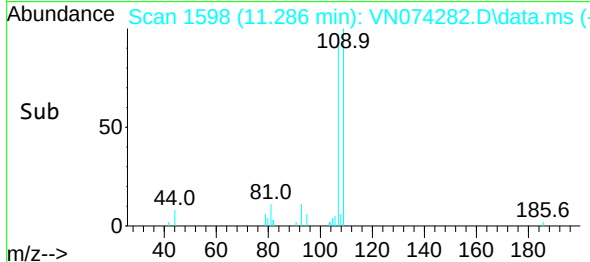
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



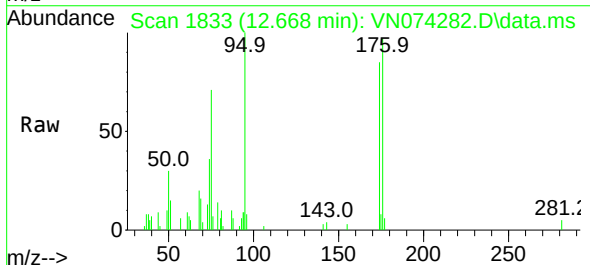
Tgt Ion: 107 Resp: 1760
Ion Ratio Lower Upper
107 100
109 93.0 75.0 112.6

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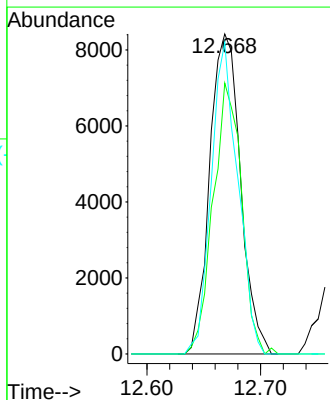
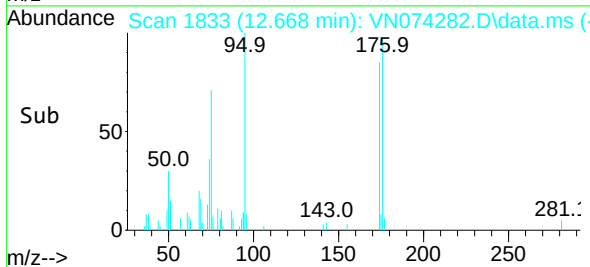
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

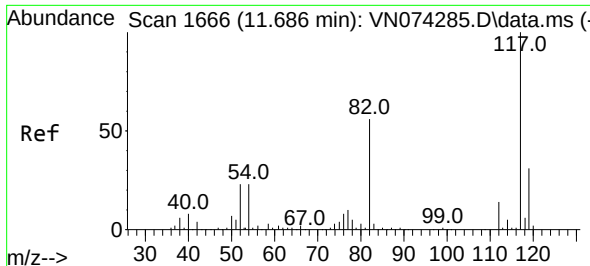


#62
4-Bromofluorobenzene
Concen: 4.412 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



Tgt Ion: 95 Resp: 15893
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 84.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:117 Resp: 39732

Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.2

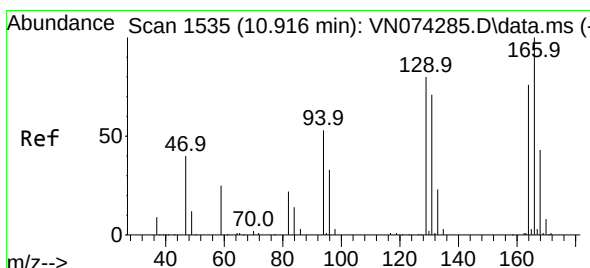
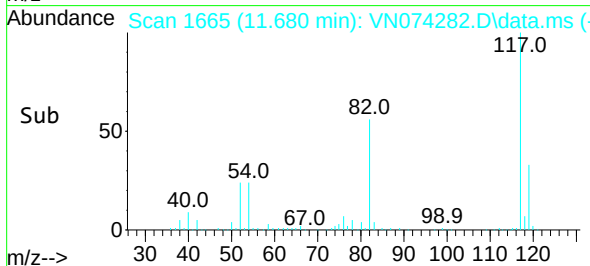
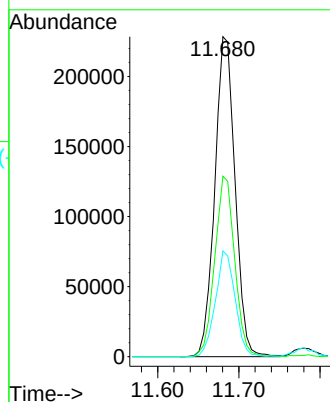
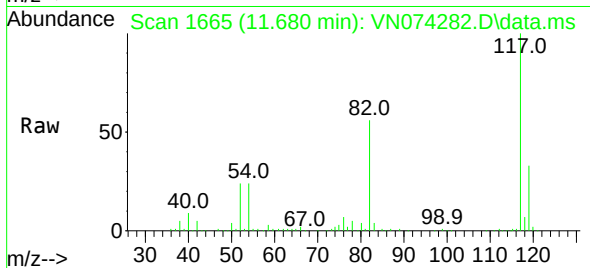
119 33.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#64

Tetrachloroethene

Concen: 4.686 ug/l

RT: 10.910 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Tgt Ion:164 Resp: 13486

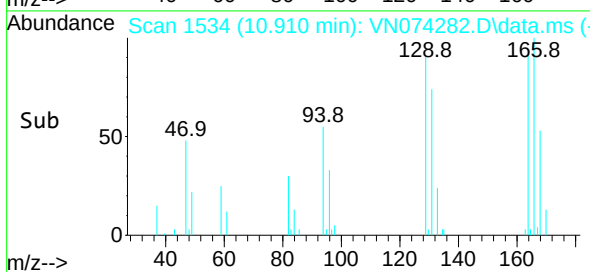
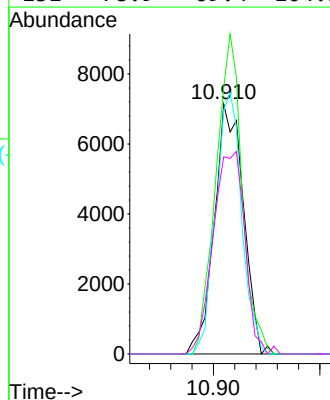
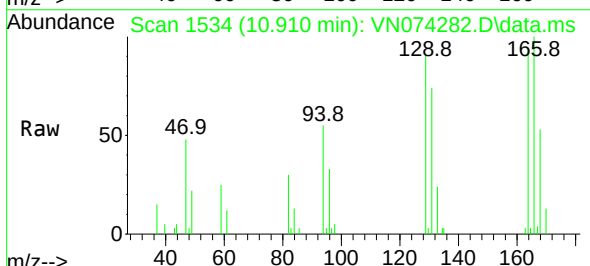
Ion Ratio Lower Upper

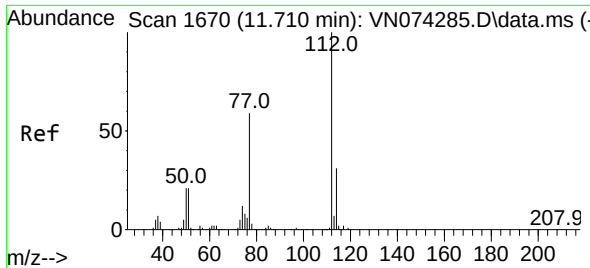
164 100

166 106.8 104.2 156.2

129 97.7 73.9 110.9

131 78.9 69.4 104.2





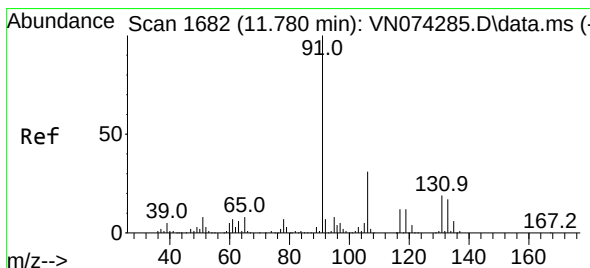
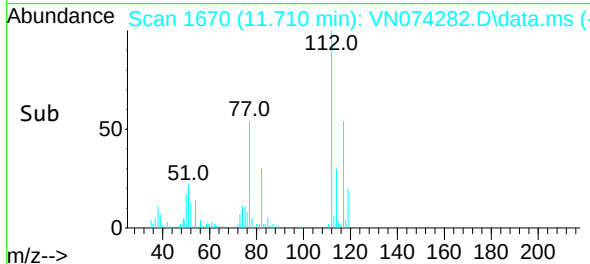
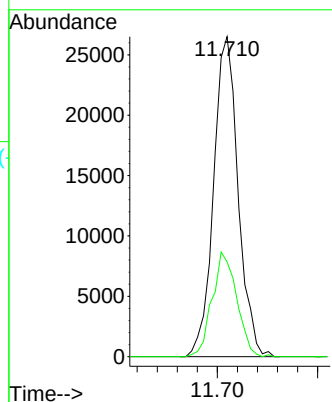
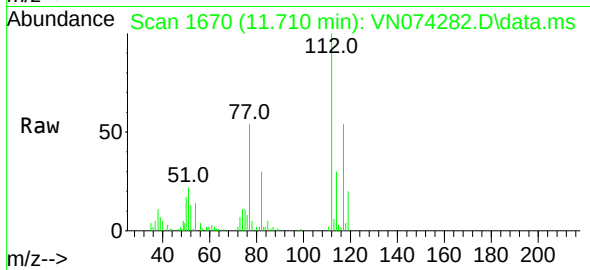
#65
Chlorobenzene
Concen: 5.034 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 45000
Ion Ratio Lower Upper
112 100
114 29.6 25.4 38.2

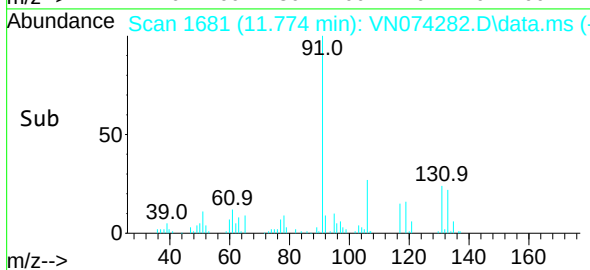
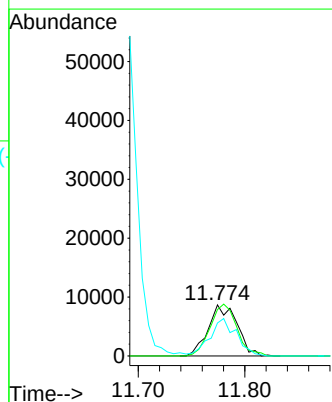
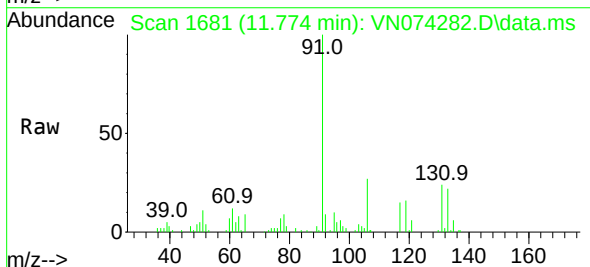
Manual Integrations
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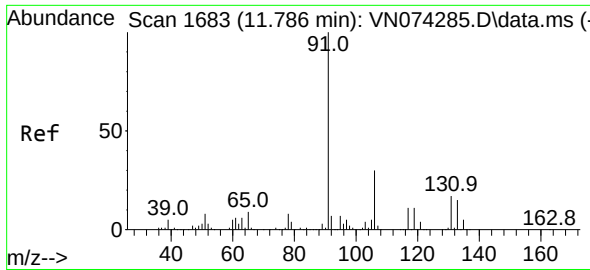
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.161 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion:131 Resp: 16402
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 67.0 33.4 100.2





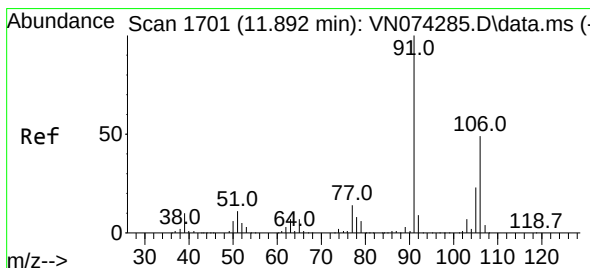
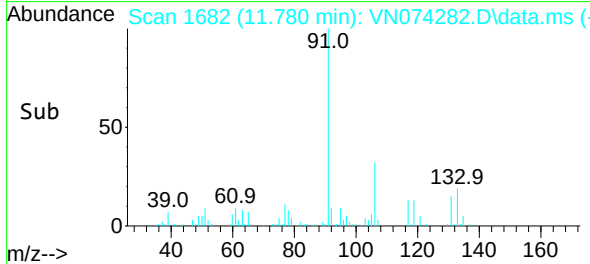
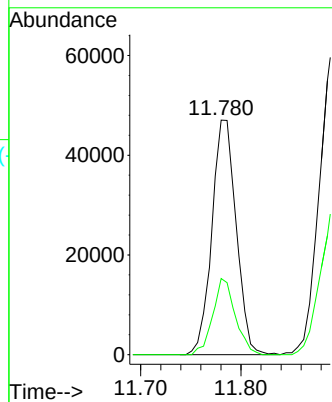
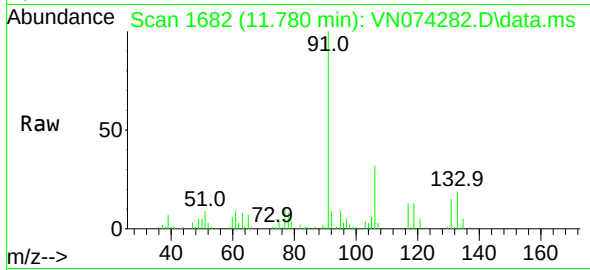
#67
Ethyl Benzene
Concen: 4.947 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 79370
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

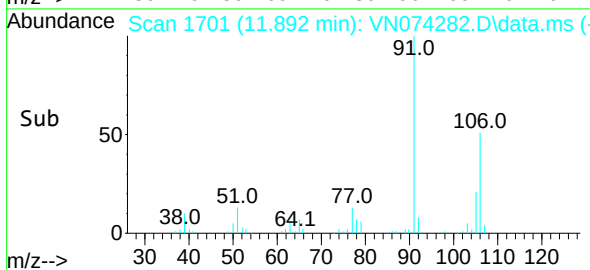
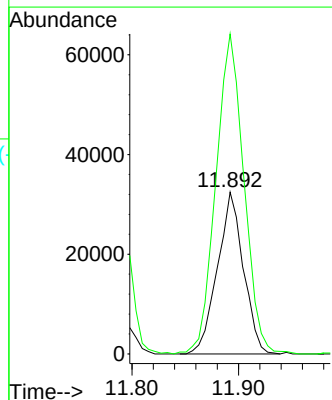
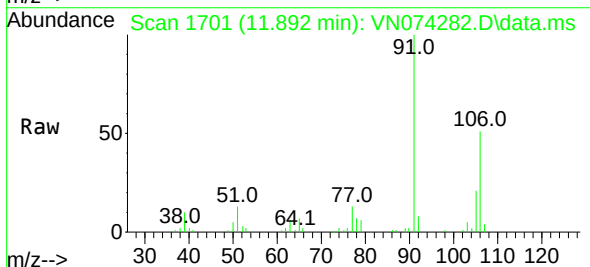
Manual Integrations
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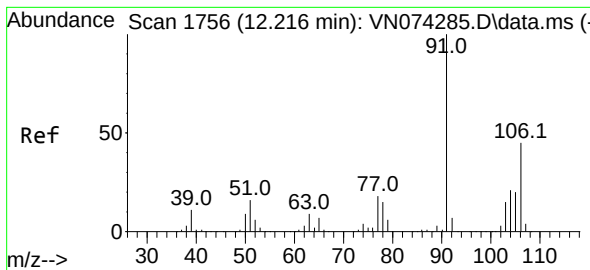
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#68
m/p-Xylenes
Concen: 9.209 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Tgt Ion:106 Resp: 54889
Ion Ratio Lower Upper
106 100
91 213.4 158.9 238.3





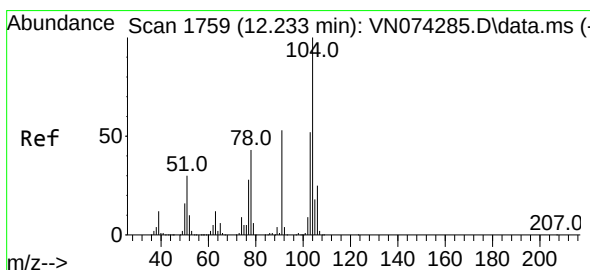
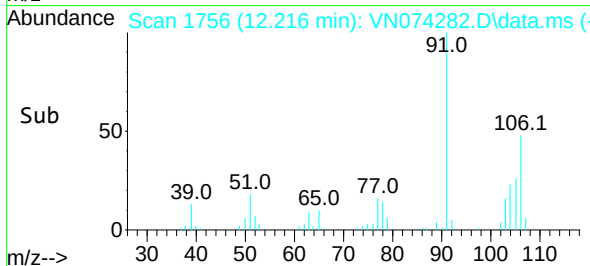
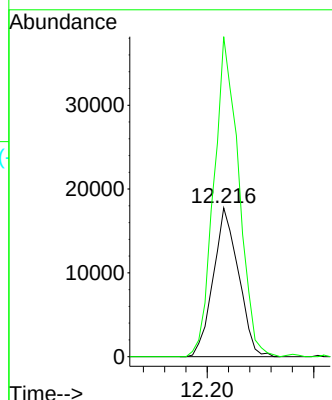
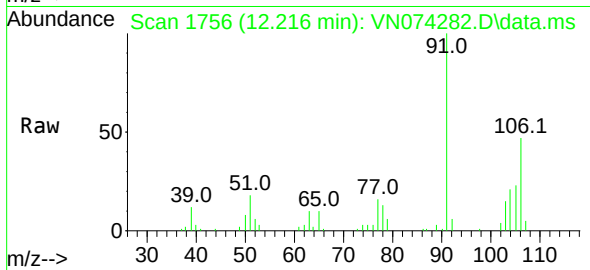
#69
o-Xylene
Concen: 4.922 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 29230
Ion Ratio Lower Upper
106 100
91 211.2 106.0 318.0

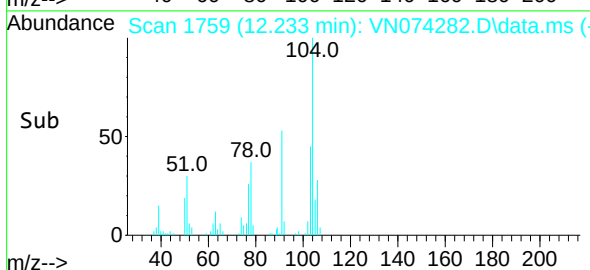
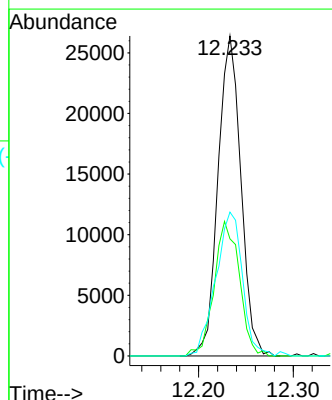
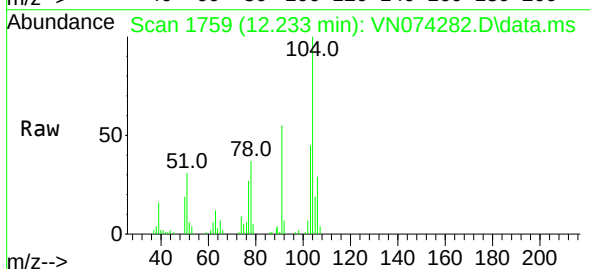
Manual Integrations
APPROVED

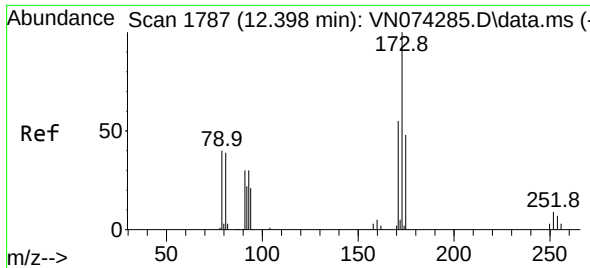
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#70
Styrene
Concen: 4.686 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

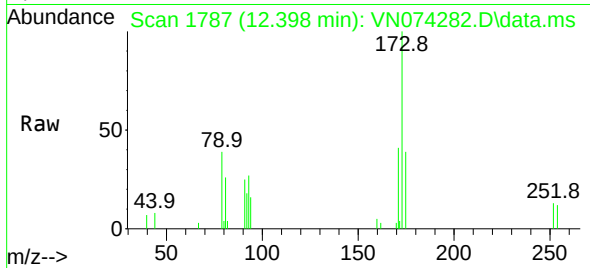
Tgt Ion:104 Resp: 44339
Ion Ratio Lower Upper
104 100
78 46.5 39.5 59.3
103 52.3 44.0 66.0





#71
Bromoform
Concen: 3.902 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

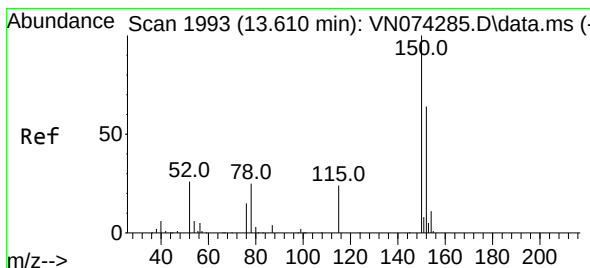
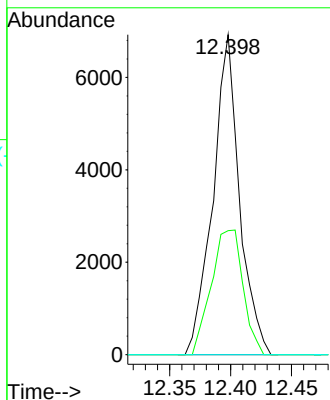
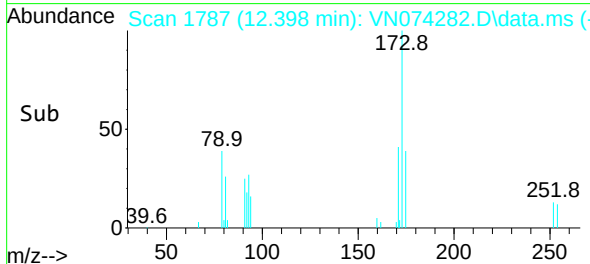
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



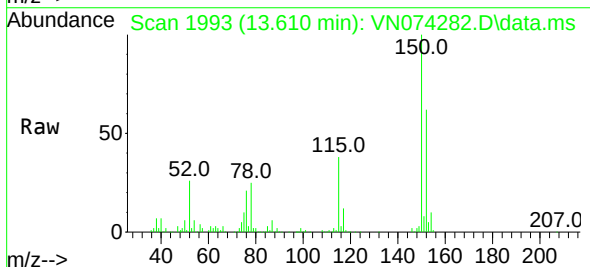
Tgt Ion:173 Resp: 10500
Ion Ratio Lower Upper
173 100
175 46.5 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
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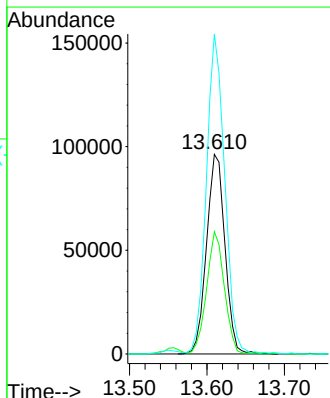
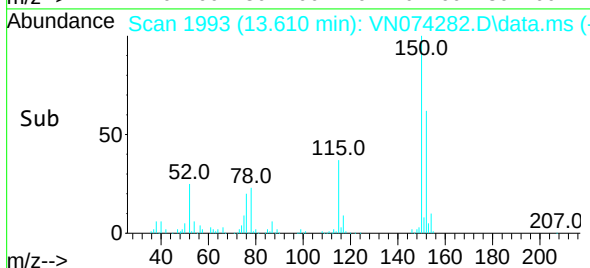
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

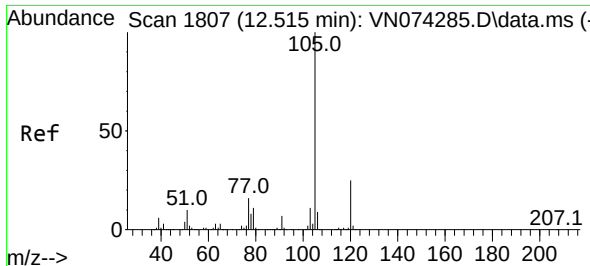


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



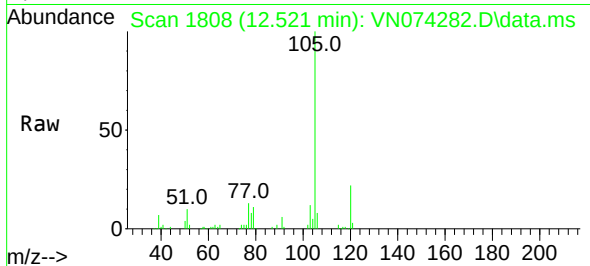
Tgt Ion:152 Resp: 159106
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 158.7 0.0 356.2





#73
Isopropylbenzene
Concen: 5.314 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

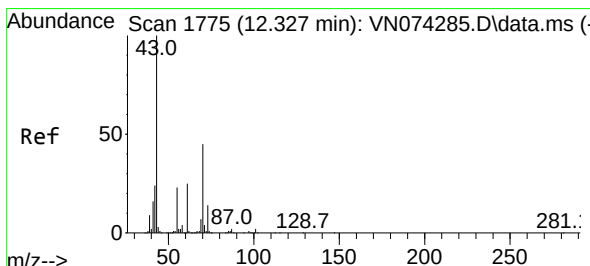
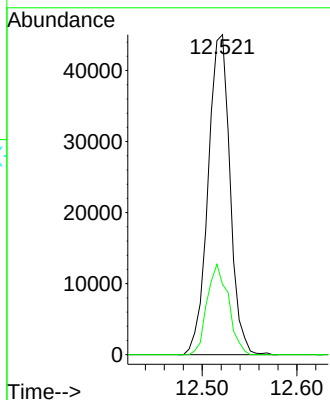
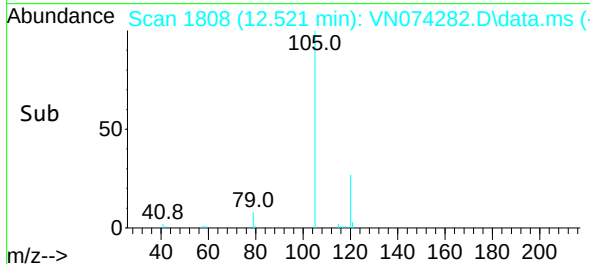
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



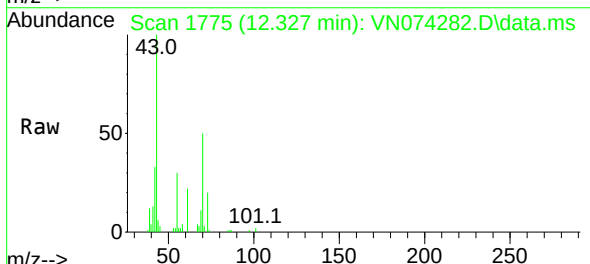
Tgt Ion:105 Resp: 72404
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

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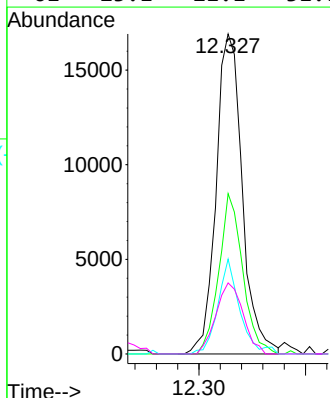
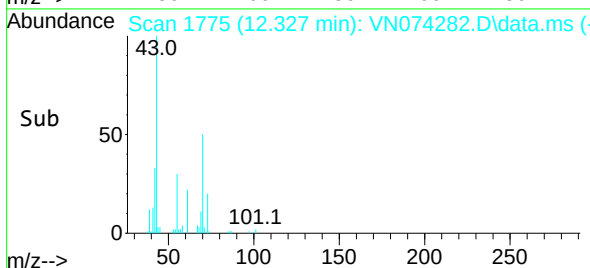
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

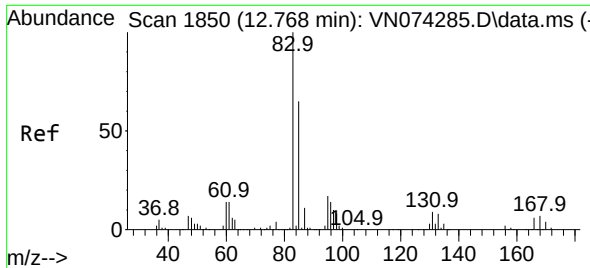


#74
N-ethyl acetate
Concen: 3.728 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



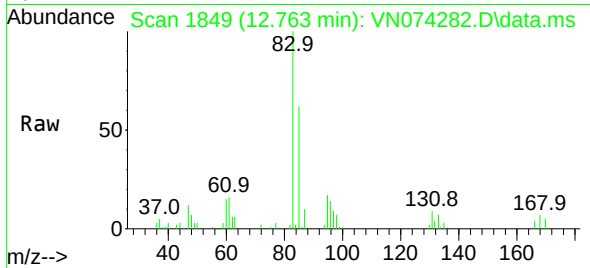
Tgt Ion: 43 Resp: 28741
Ion Ratio Lower Upper
43 100
70 45.7 39.0 58.4
55 24.9 21.1 31.7
61 23.1 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.132 ug/l
 RT: 12.763 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VN074282.D
 Acq: 02 Sep 2022 12:35

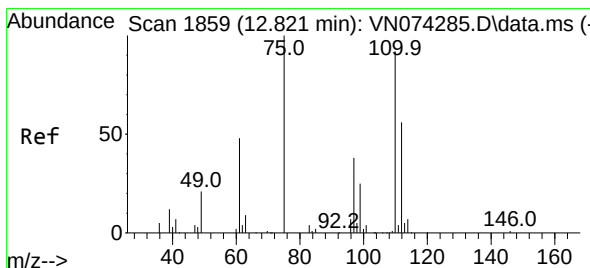
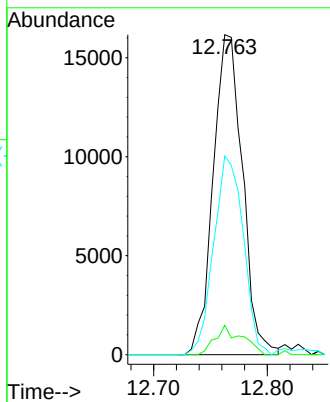
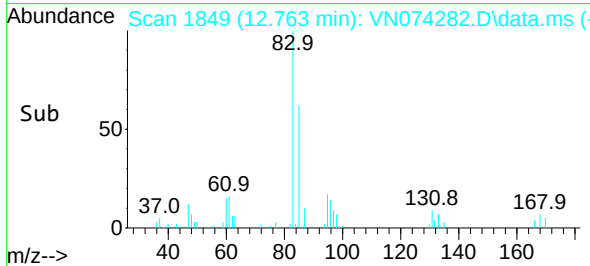
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



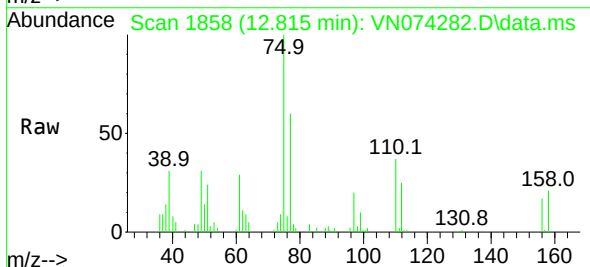
Tgt Ion: 83 Resp: 2900
 Ion Ratio Lower Upper
 83 100
 131 8.4 5.3 15.9
 85 62.5 32.3 96.9

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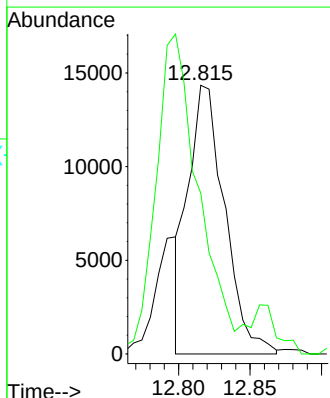
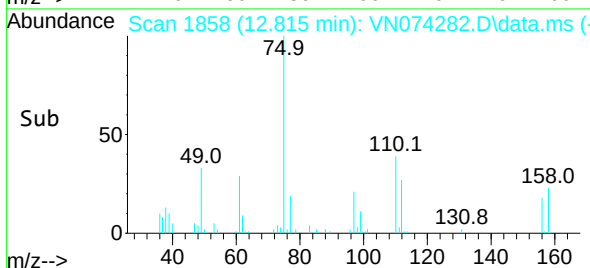
Reviewed By :John Carlone 09/03/2022
 Supervised By :Mahesh Dadoda 09/06/2022

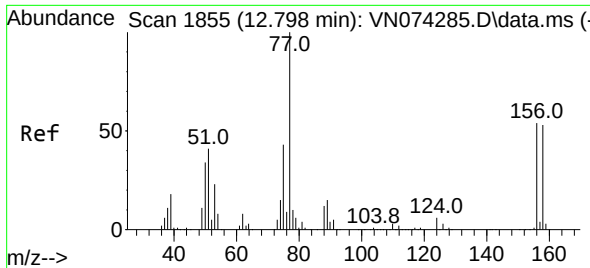


#76
 1,2,3-Trichloropropane
 Concen: 5.621 ug/l m
 RT: 12.815 min Scan# 1858
 Delta R.T. -0.006 min
 Lab File: VN074282.D
 Acq: 02 Sep 2022 12:35



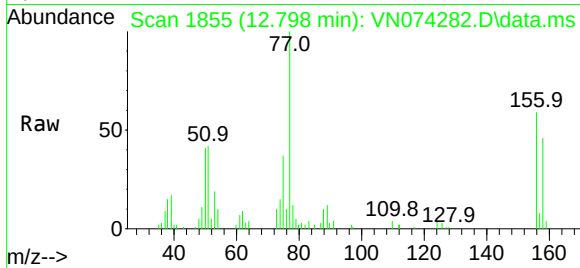
Tgt Ion: 75 Resp: 25413
 Ion Ratio Lower Upper
 75 100
 77 142.9 98.5 295.5





#77
Bromobenzene
Concen: 5.322 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

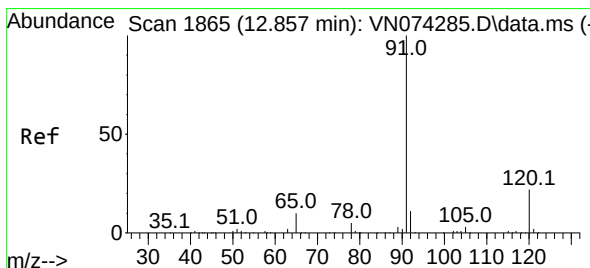
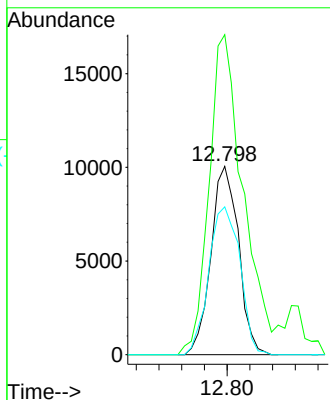
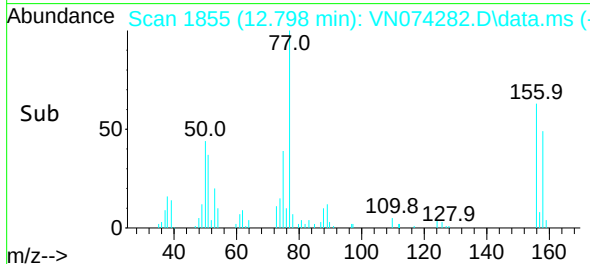
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



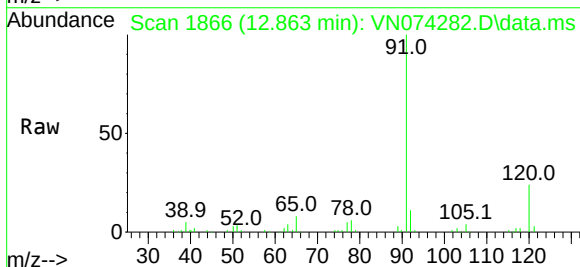
Tgt Ion:156 Resp: 1696
Ion Ratio Lower Upper
156 100
77 214.1 100.5 301.5
158 88.7 48.9 146.6

Manual Integrations
APPROVED

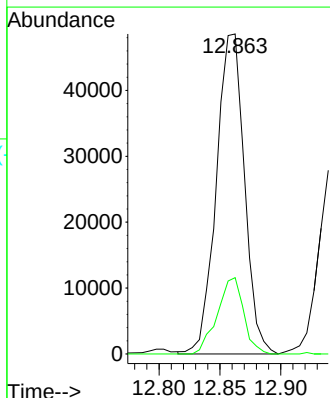
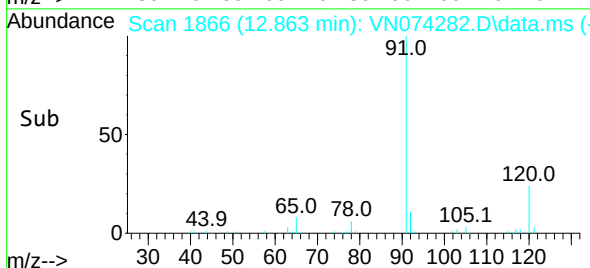
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

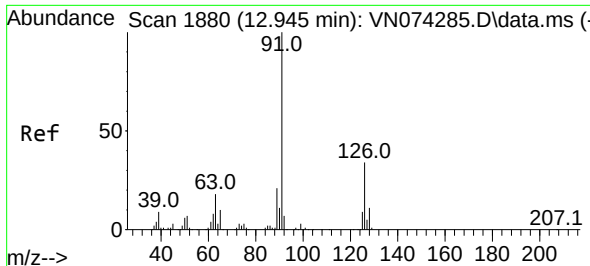


#78
n-propylbenzene
Concen: 5.034 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



Tgt Ion: 91 Resp: 78181
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 5.487 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 52198

Ion Ratio Lower Upper

91 100

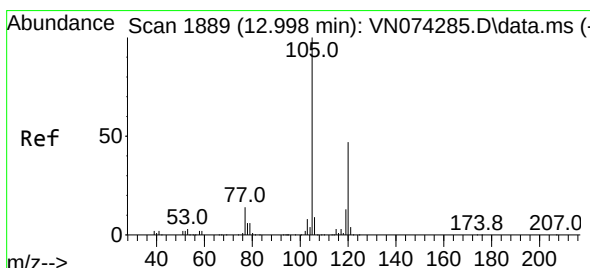
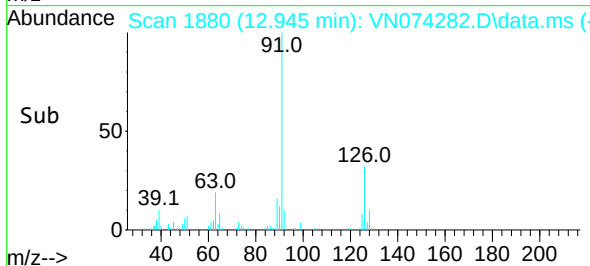
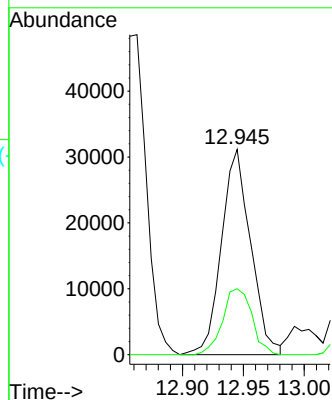
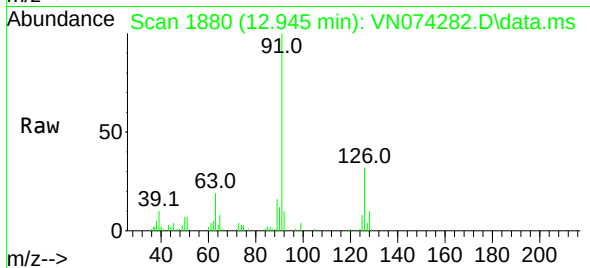
126 32.2 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#80

1,3,5-Trimethylbenzene

Concen: 4.972 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN074282.D

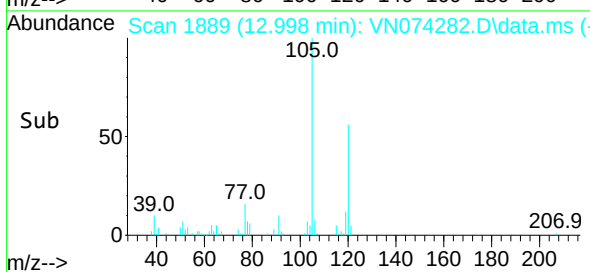
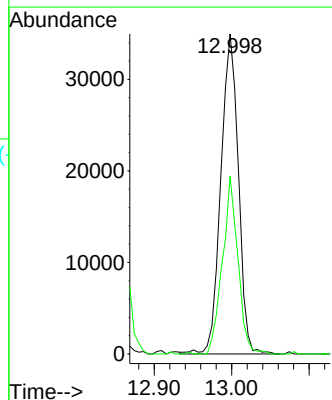
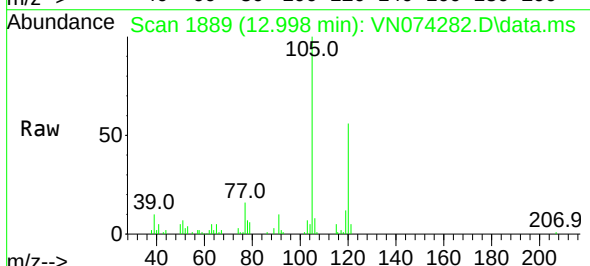
Acq: 02 Sep 2022 12:35

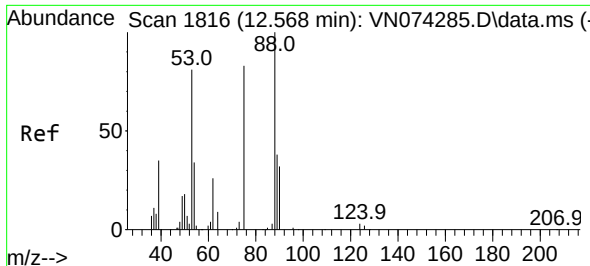
Tgt Ion:105 Resp: 55097

Ion Ratio Lower Upper

105 100

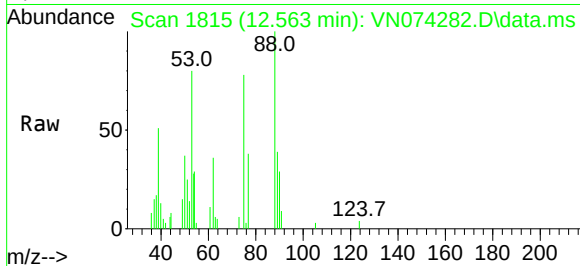
120 49.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 4.222 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

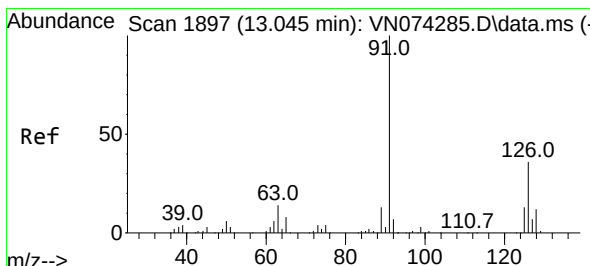
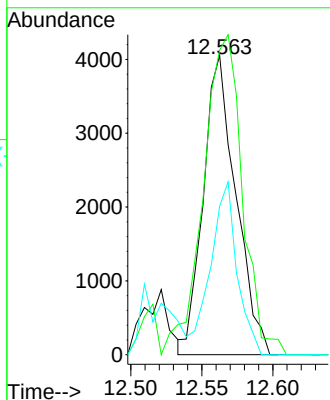
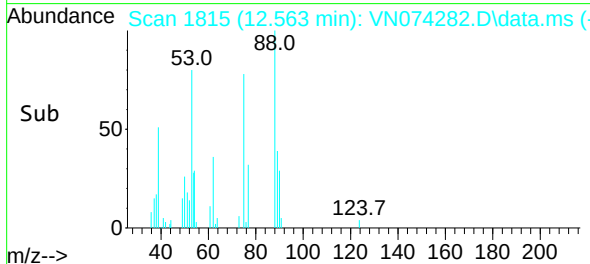
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



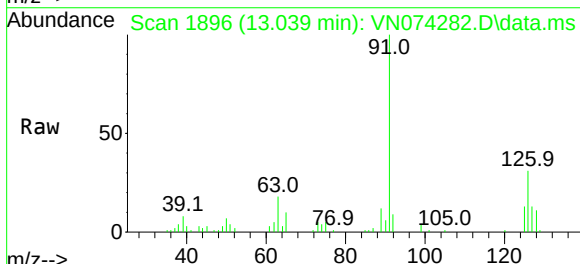
Tgt Ion: 75 Resp: 6472
Ion Ratio Lower Upper
75 100
53 127.9 78.0 117.0
89 46.9 37.2 55.8

Manual Integrations
APPROVED

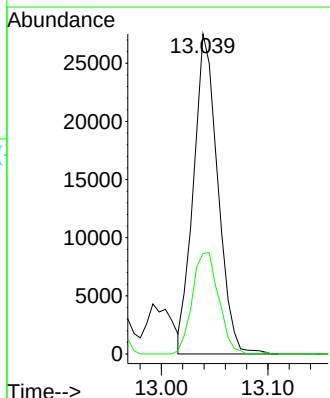
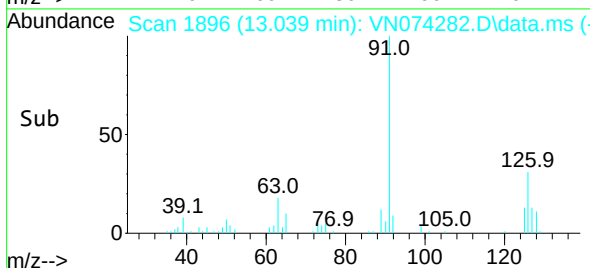
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

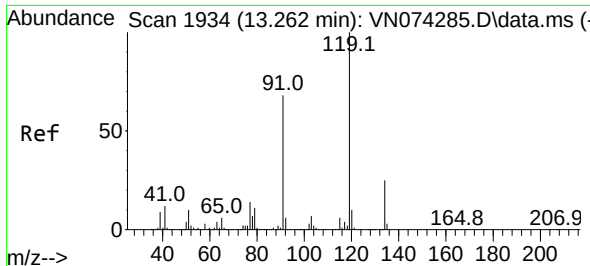


#82
4-Chlorotoluene
Concen: 4.736 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



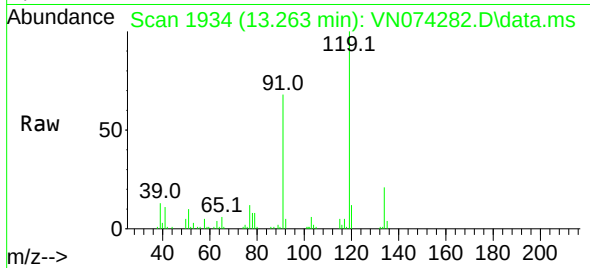
Tgt Ion: 91 Resp: 43596
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 5.423 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

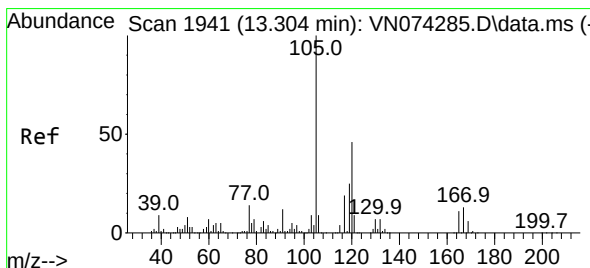
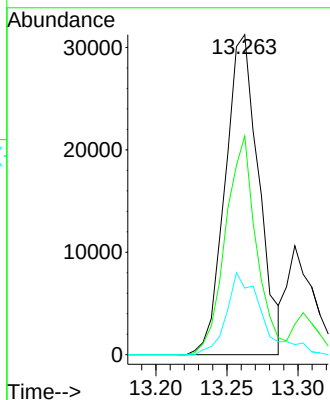
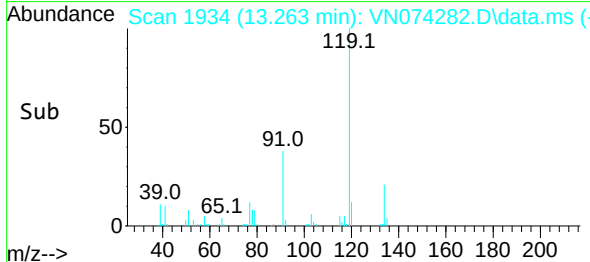
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



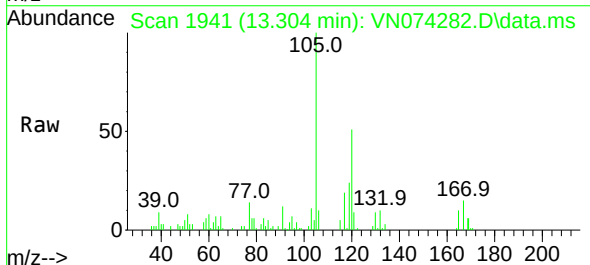
Tgt Ion:119 Resp: 51410
Ion Ratio Lower Upper
119 100
91 63.3 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
APPROVED

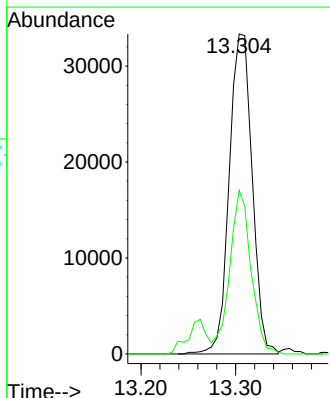
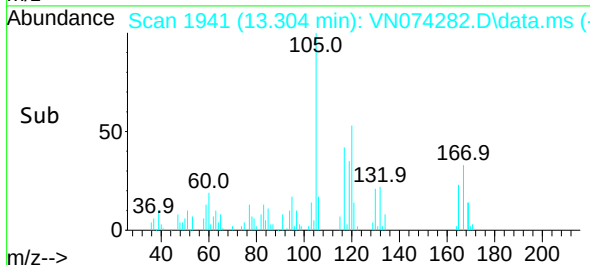
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

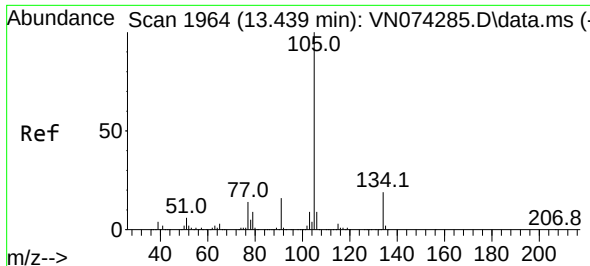


#84
1,2,4-Trimethylbenzene
Concen: 5.249 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



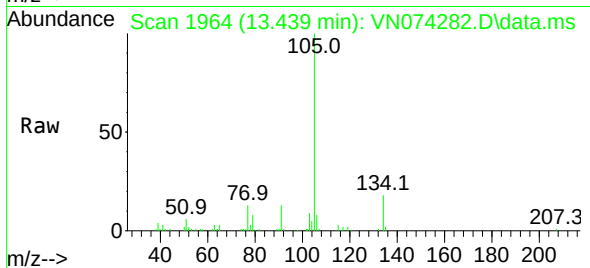
Tgt Ion:105 Resp: 56138
Ion Ratio Lower Upper
105 100
120 47.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 5.318 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074282.D
 Acq: 02 Sep 2022 12:35

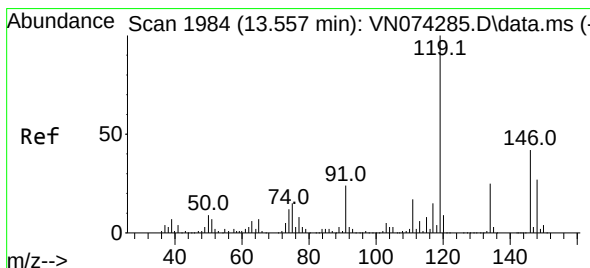
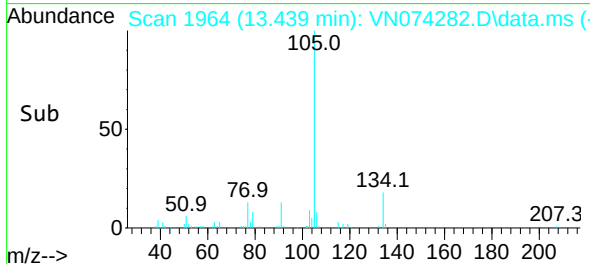
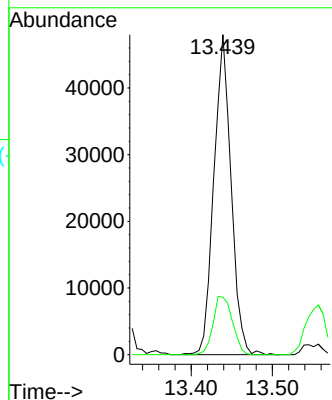
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:105 Resp: 70720
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

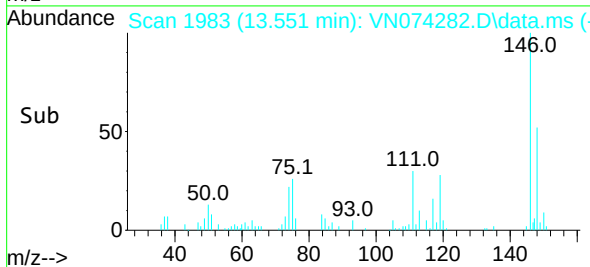
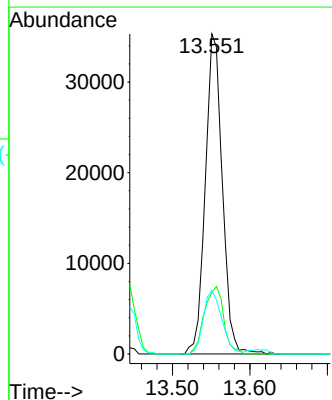
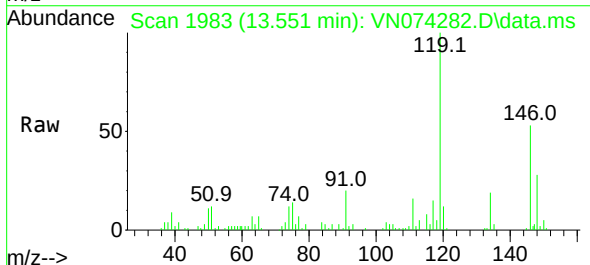
Manual Integrations
 APPROVED

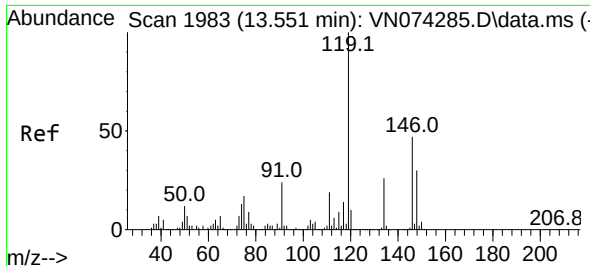
Reviewed By :John Carlone 09/03/2022
 Supervised By :Mahesh Dadoda 09/06/2022



#86
 p-Isopropyltoluene
 Concen: 5.210 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN074282.D
 Acq: 02 Sep 2022 12:35

Tgt Ion:119 Resp: 53905
 Ion Ratio Lower Upper
 119 100
 134 24.0 13.3 39.8
 91 21.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 4.831 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

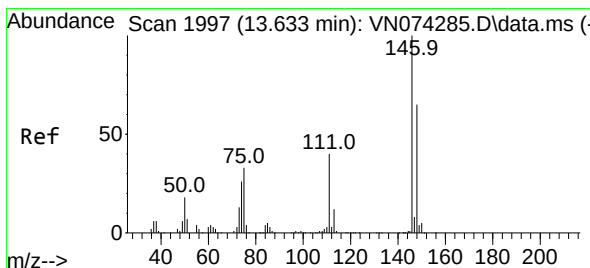
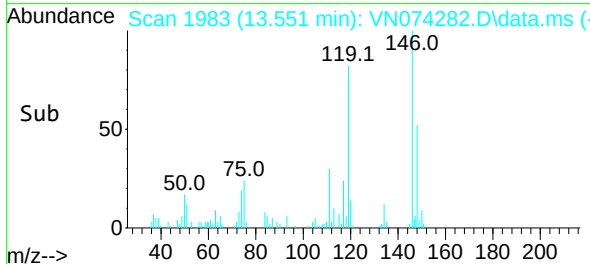
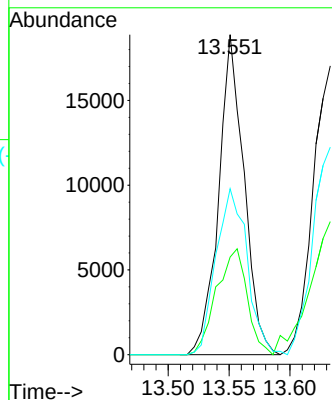
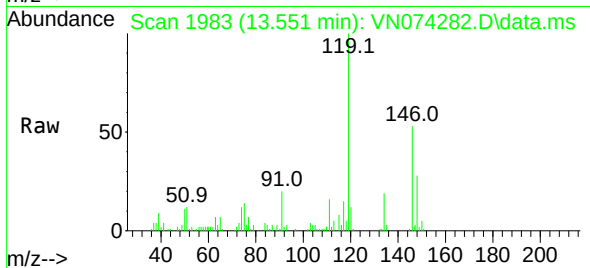
Tgt Ion:146	Resp:	27440
Ion Ratio	Lower	Upper
146	100	
111	39.8	20.0 60.0
148	63.7	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#88

1,4-Dichlorobenzene

Concen: 4.872 ug/l

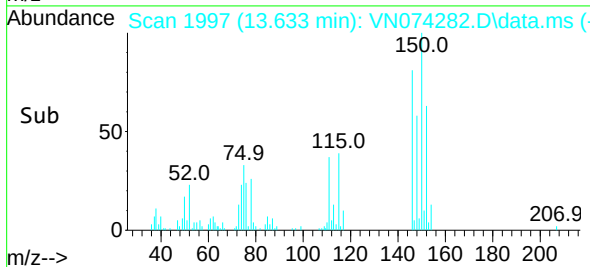
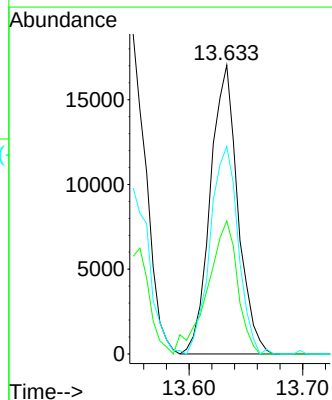
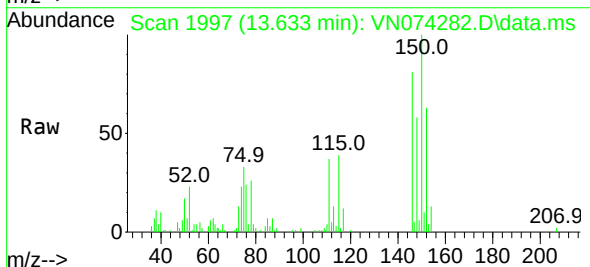
RT: 13.633 min Scan# 1997

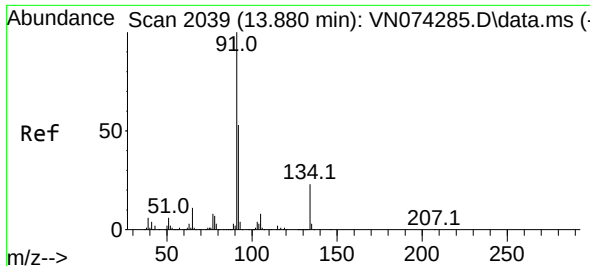
Delta R.T. -0.000 min

Lab File: VN074282.D

Acq: 02 Sep 2022 12:35

Tgt Ion:146	Resp:	28638
Ion Ratio	Lower	Upper
146	100	
111	50.0	19.1 57.1
148	73.1	31.4 94.3





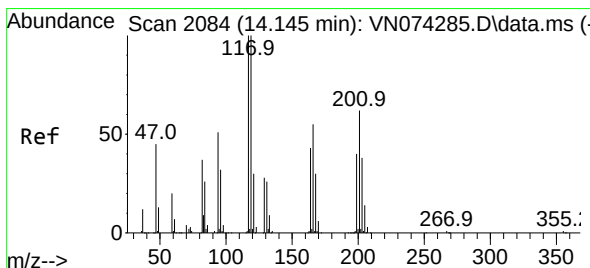
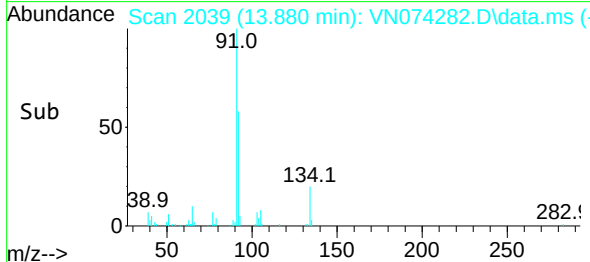
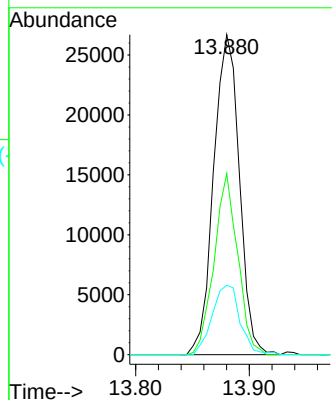
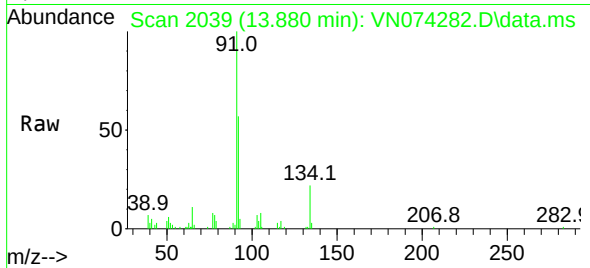
#89
n-Butylbenzene
Concen: 4.660 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 41988
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 23.5 13.6 40.8

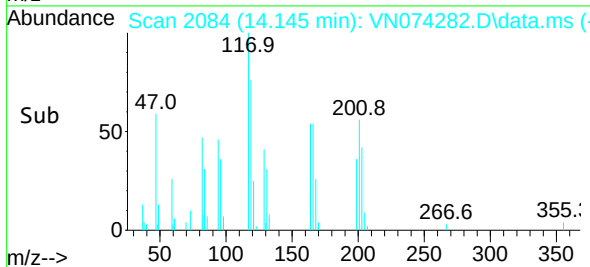
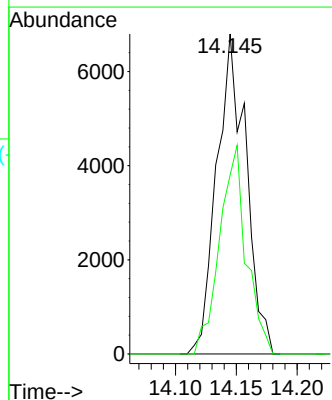
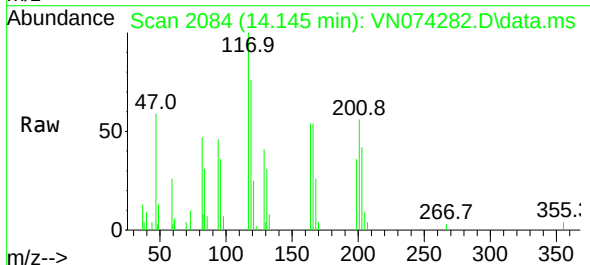
Manual Integrations
APPROVED

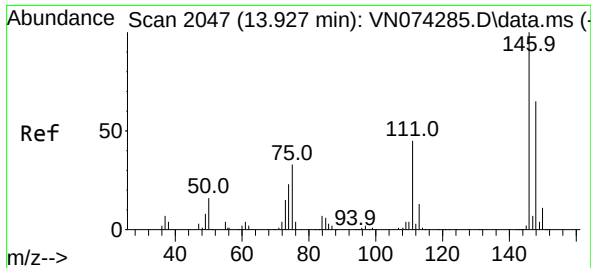
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#90
Hexachloroethane
Concen: 5.329 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

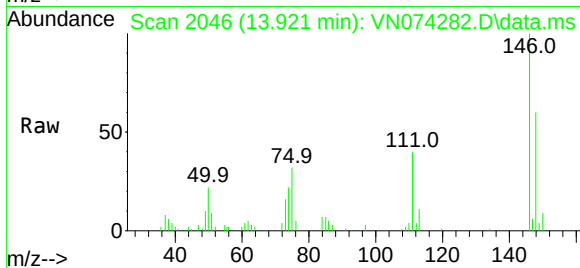
Tgt Ion:117 Resp: 11367
Ion Ratio Lower Upper
117 100
201 59.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 4.913 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

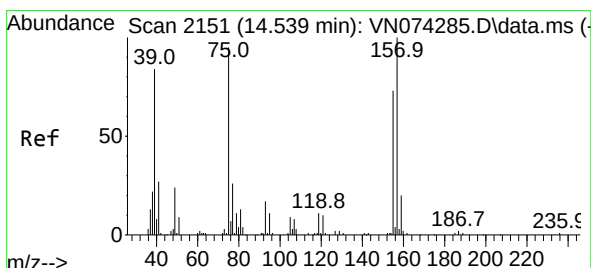
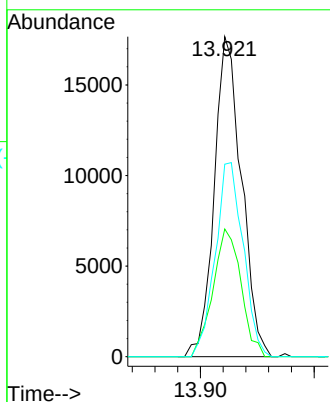
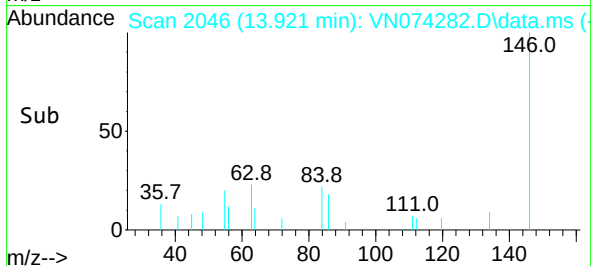
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



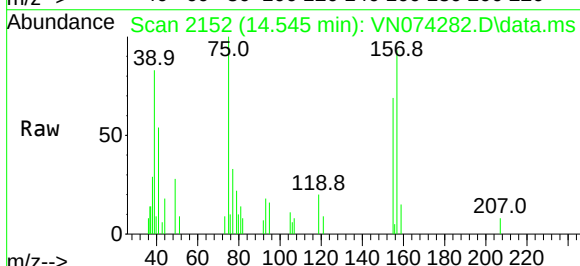
Tgt Ion:146 Resp: 29420
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.8
148 62.2 32.1 96.3

Manual Integrations
APPROVED

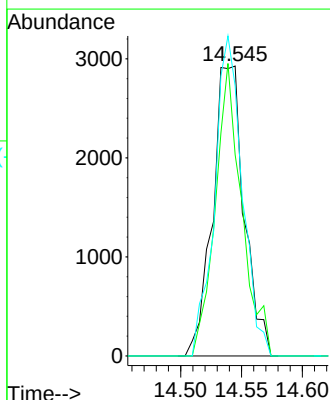
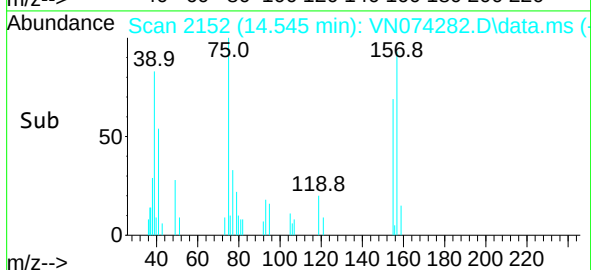
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

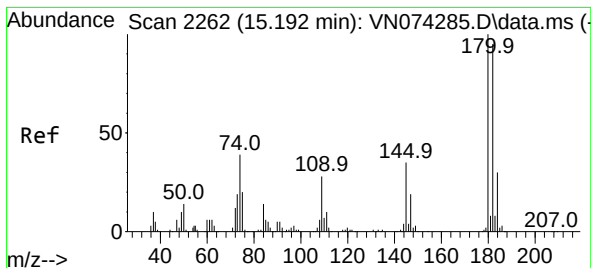


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.685 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



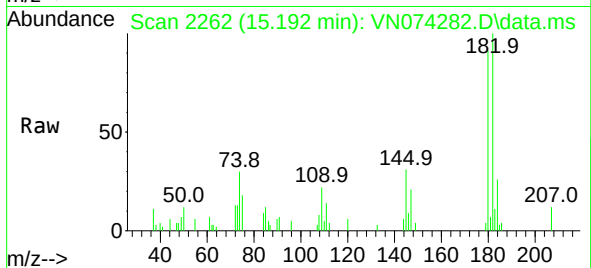
Tgt Ion: 75 Resp: 5291
Ion Ratio Lower Upper
75 100
155 84.5 44.9 134.5
157 96.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 4.551 ug/l
RT: 15.192 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

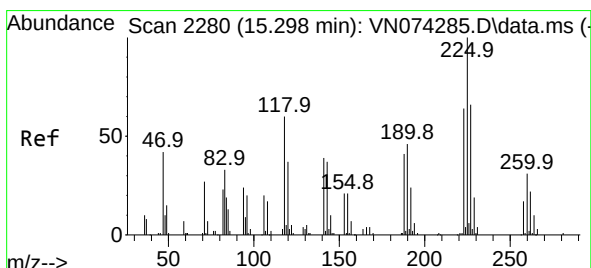
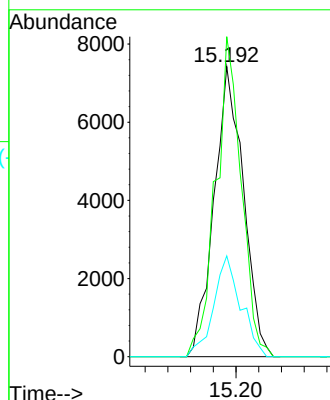
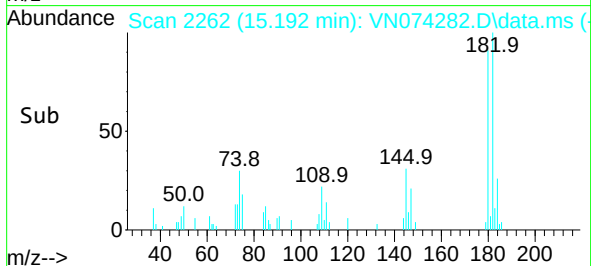
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



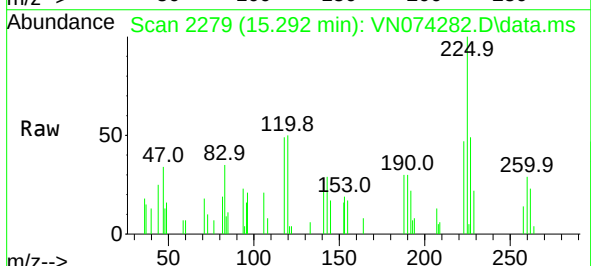
Tgt Ion:180 Resp: 1333
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 32.2 14.5 43.5

Manual Integrations
APPROVED

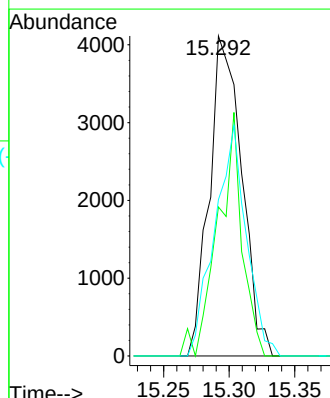
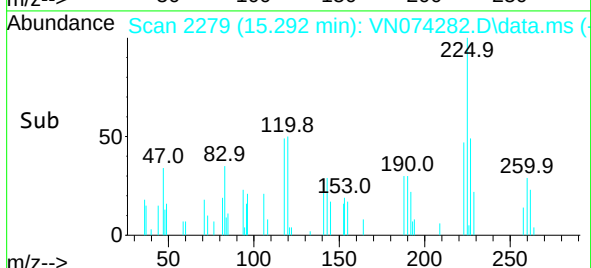
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

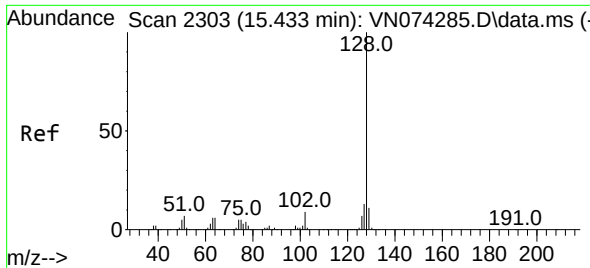


#94
Hexachlorobutadiene
Concen: 4.914 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



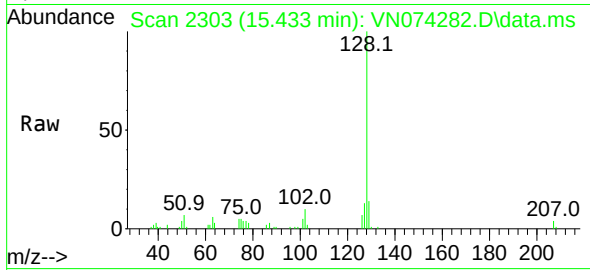
Tgt Ion:225 Resp: 7080
Ion Ratio Lower Upper
225 100
223 56.5 32.4 97.2
227 70.4 31.8 95.4





#95
Naphthalene
Concen: 4.737 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35

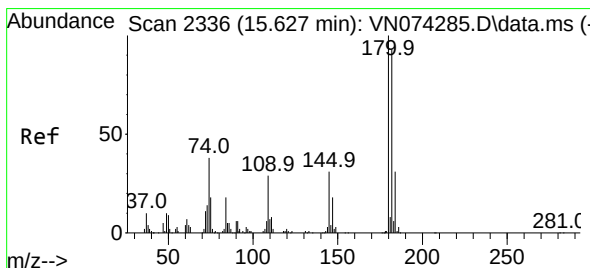
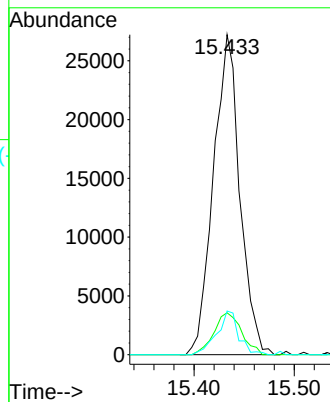
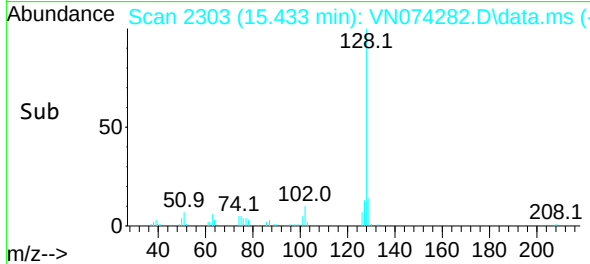
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



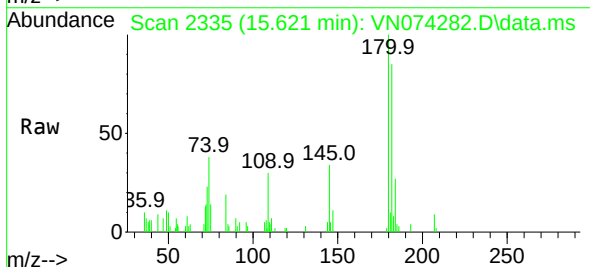
Tgt Ion:128 Resp: 49849
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.659 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VN074282.D
Acq: 02 Sep 2022 12:35



Tgt Ion:180 Resp: 14141
Ion Ratio Lower Upper
180 100
182 86.4 47.8 143.3
145 34.3 15.5 46.5

